

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015428.D
 Acq On : 01 Sep 2023 20:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 23:46:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	154050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	93761	56.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.560%			
35) Dibromofluoromethane	7.716	113	83929	53.129	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.260%			
50) Toluene-d8	10.179	98	292825	51.186	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.380%			
62) 4-Bromofluorobenzene	12.483	95	110885	52.212	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60696	45.326	ug/l	98
3) Chloromethane	2.113	50	91596	51.504	ug/l	97
4) Vinyl Chloride	2.247	62	99884	48.254	ug/l	99
5) Bromomethane	2.643	94	83738	56.854	ug/l	96
6) Chloroethane	2.790	64	70445	51.775	ug/l	96
7) Trichlorofluoromethane	3.119	101	135425	46.251	ug/l	99
8) Diethyl Ether	3.527	74	54046	54.011	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	73806	45.479	ug/l	96
10) Methyl Iodide	4.088	142	91984	48.266	ug/l	97
11) Tert butyl alcohol	4.954	59	75816	202.834	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	74709	48.786	ug/l	90
13) Acrolein	3.729	56	92260	203.376	ug/l	99
14) Allyl chloride	4.478	41	122930	50.419	ug/l	98
15) Acrylonitrile	5.161	53	166660	264.681	ug/l	99
16) Acetone	3.948	43	138362	200.733	ug/l	93
17) Carbon Disulfide	4.192	76	225885	49.340	ug/l	98
18) Methyl Acetate	4.478	43	164347	65.828	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	265625	53.369	ug/l	100
20) Methylene Chloride	4.716	84	103117	46.013	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	92053	52.202	ug/l	95
22) Diisopropyl ether	6.118	45	290731	54.521	ug/l	92
23) Vinyl Acetate	6.057	43	762878	226.588	ug/l	96
24) 1,1-Dichloroethane	6.015	63	162846	52.828	ug/l	97
25) 2-Butanone	6.984	43	238324	243.777	ug/l	99
26) 2,2-Dichloropropane	6.978	77	101724	38.853	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	108863	54.418	ug/l	93
28) Bromochloromethane	7.332	49	55278	58.477	ug/l	98
29) Tetrahydrofuran	7.350	42	158824	258.701	ug/l	93
30) Chloroform	7.508	83	174570	53.871	ug/l	94
31) Cyclohexane	7.783	56	130507	44.490	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	145829	50.383	ug/l	99
36) 1,1-Dichloropropene	7.917	75	123671	44.585	ug/l	99
37) Ethyl Acetate	7.076	43	96336	45.032	ug/l	96
38) Carbon Tetrachloride	7.899	117	129499	45.203	ug/l	98
39) Methylcyclohexane	9.185	83	142904	40.922	ug/l	95
40) Benzene	8.161	78	382166	49.383	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015428.D
 Acq On : 01 Sep 2023 20:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 23:46:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	50126m	49.966	ug/l	
42) 1,2-Dichloroethane	8.234	62	124614	48.289	ug/l	95
43) Isopropyl Acetate	8.270	43	174103	47.064	ug/l	97
44) Trichloroethene	8.941	130	107093	48.910	ug/l	98
45) 1,2-Dichloropropane	9.215	63	98288	50.381	ug/l	96
46) Dibromomethane	9.307	93	63389	48.915	ug/l	96
47) Bromodichloromethane	9.496	83	137993	49.793	ug/l	97
48) Methyl methacrylate	9.295	41	80475	47.414	ug/l	92
49) 1,4-Dioxane	9.295	88	21434	890.459	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	521364	242.480	ug/l	94
52) Toluene	10.246	92	241776	48.744	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	132968	45.147	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	147154	45.931	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	86526	49.554	ug/l	98
56) Ethyl methacrylate	10.508	69	126556	48.910	ug/l	90
57) 1,3-Dichloropropane	10.788	76	149708	49.808	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	225024	243.642	ug/l	95
59) 2-Hexanone	10.831	43	372888	231.127	ug/l	92
60) Dibromochloromethane	10.983	129	103358	50.573	ug/l	99
61) 1,2-Dibromoethane	11.087	107	88289	49.901	ug/l	99
64) Tetrachloroethene	10.721	164	124906	54.132	ug/l	98
65) Chlorobenzene	11.514	112	264218	48.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	99325	49.537	ug/l	99
67) Ethyl Benzene	11.593	91	463219	47.091	ug/l	98
68) m/p-Xylenes	11.703	106	360068	94.436	ug/l	96
69) o-Xylene	12.026	106	176705	48.494	ug/l	97
70) Styrene	12.044	104	306903	50.091	ug/l	97
71) Bromoform	12.209	173	69886	49.966	ug/l #	99
73) Isopropylbenzene	12.331	105	447959	46.804	ug/l	100
74) N-amyl acetate	12.142	43	143543	44.641	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	106971	46.819	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	85876m	50.823	ug/l	
77) Bromobenzene	12.611	156	110782	48.871	ug/l	97
78) n-propylbenzene	12.672	91	538502	46.498	ug/l	100
79) 2-Chlorotoluene	12.757	91	313372	48.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	374138	46.735	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	29853	38.972	ug/l	98
82) 4-Chlorotoluene	12.855	91	324436	48.058	ug/l	99
83) tert-Butylbenzene	13.075	119	315996	45.067	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	382639	48.140	ug/l	99
85) sec-Butylbenzene	13.251	105	469336	44.877	ug/l	100
86) p-Isopropyltoluene	13.367	119	392251	44.750	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	216262	48.325	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	215473	47.632	ug/l	99
89) n-Butylbenzene	13.696	91	359546	43.581	ug/l	97
90) Hexachloroethane	13.958	117	74283	47.384	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	200032	48.979	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21364	47.269	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	118246	46.104	ug/l	98
94) Hexachlorobutadiene	15.111	225	54359	38.868	ug/l	98
95) Naphthalene	15.233	128	305947	48.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	109967	47.006	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
Data File : VY015428.D
Acq On : 01 Sep 2023 20:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 23:46:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
Data File : VY015428.D
Acq On : 01 Sep 2023 20:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 01 23:46:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
Supervised By : Mahesh Dadoda 09/05/2023

