

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015184.D
 Acq On : 18 Aug 2023 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/21/2023
 Supervised By : Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:04:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	271430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	105358	53.504	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.000%			
35) Dibromofluoromethane	7.716	113	92114	52.751	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.500%			
50) Toluene-d8	10.179	98	336826	51.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.640%			
62) 4-Bromofluorobenzene	12.483	95	124719	52.530	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34722	49.364	ug/l	96
3) Chloromethane	2.113	50	50996	52.224	ug/l	99
4) Vinyl Chloride	2.247	62	62597	47.955	ug/l	96
5) Bromomethane	2.644	94	51486	57.523	ug/l	98
6) Chloroethane	2.790	64	48947	51.648	ug/l	94
7) Trichlorofluoromethane	3.119	101	109887	49.961	ug/l	98
8) Diethyl Ether	3.528	74	44806	51.943	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	68576	50.167	ug/l	95
10) Methyl Iodide	4.082	142	65820	49.036	ug/l	99
11) Tert butyl alcohol	4.948	59	71876	219.744	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	56733	49.702	ug/l	96
13) Acrolein	3.729	56	24722	183.077	ug/l	100
14) Allyl chloride	4.473	41	104367	51.571	ug/l	98
15) Acrylonitrile	5.161	53	151965	259.959	ug/l	100
16) Acetone	3.942	43	183886	285.853	ug/l	95
17) Carbon Disulfide	4.192	76	97606	48.589	ug/l	99
18) Methyl Acetate	4.473	43	121494	51.538	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	252309	51.985	ug/l	98
20) Methylene Chloride	4.716	84	79475	51.672	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	64796	50.325	ug/l	96
22) Diisopropyl ether	6.119	45	271354	53.735	ug/l #	91
23) Vinyl Acetate	6.058	43	797211	264.574	ug/l	96
24) 1,1-Dichloroethane	6.015	63	144935	53.013	ug/l	96
25) 2-Butanone	6.984	43	241779	265.449	ug/l	97
26) 2,2-Dichloropropane	6.978	77	129960	49.311	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	90819	51.637	ug/l	97
28) Bromochloromethane	7.326	49	63980	50.937	ug/l	94
29) Tetrahydrofuran	7.344	42	137873	253.152	ug/l	94
30) Chloroform	7.503	83	161875	52.818	ug/l	97
31) Cyclohexane	7.783	56	91583	52.180	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	134990	51.760	ug/l	99
36) 1,1-Dichloropropene	7.917	75	97496	50.468	ug/l	100
37) Ethyl Acetate	7.070	43	89922	49.937	ug/l	98
38) Carbon Tetrachloride	7.899	117	113212	49.517	ug/l	98
39) Methylcyclohexane	9.185	83	105540	48.733	ug/l	95
40) Benzene	8.161	78	304822	52.189	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015184.D
 Acq On : 18 Aug 2023 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/21/2023
 Supervised By : Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:04:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	49492m	53.301	ug/l	
42) 1,2-Dichloroethane	8.234	62	110007	51.861	ug/l	95
43) Isopropyl Acetate	8.271	43	164906	50.288	ug/l	98
44) Trichloroethene	8.935	130	85916	51.059	ug/l	94
45) 1,2-Dichloropropane	9.216	63	86173	52.322	ug/l	96
46) Dibromomethane	9.307	93	54487	52.454	ug/l	95
47) Bromodichloromethane	9.496	83	133440	53.833	ug/l	100
48) Methyl methacrylate	9.295	41	71949	51.290	ug/l	93
49) 1,4-Dioxane	9.301	88	19802	953.317	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	492996	259.403	ug/l	95
52) Toluene	10.246	92	199019	51.698	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	134578	51.661	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	143316	52.238	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	82739	52.385	ug/l	96
56) Ethyl methacrylate	10.508	69	120134	51.972	ug/l	91
57) 1,3-Dichloropropane	10.789	76	135599	52.548	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	278630	259.016	ug/l	95
59) 2-Hexanone	10.831	43	369533	262.718	ug/l	92
60) Dibromochloromethane	10.984	129	99454	52.787	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76468	50.964	ug/l	100
64) Tetrachloroethene	10.721	164	86924	50.054	ug/l	97
65) Chlorobenzene	11.520	112	232179	51.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	96149	52.176	ug/l	99
67) Ethyl Benzene	11.593	91	402068	50.528	ug/l	99
68) m/p-Xylenes	11.703	106	304504	100.755	ug/l	98
69) o-Xylene	12.032	106	154744	51.398	ug/l	97
70) Styrene	12.044	104	271483	52.100	ug/l	97
71) Bromoform	12.209	173	67340	50.410	ug/l #	100
73) Isopropylbenzene	12.331	105	418621	49.260	ug/l	100
74) N-amyl acetate	12.142	43	153314	49.968	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	111594	50.420	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	86106m	53.628	ug/l	
77) Bromobenzene	12.611	156	101368	48.936	ug/l	95
78) n-propylbenzene	12.672	91	504592	50.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	288874	49.622	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	350768	49.517	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	36172	49.483	ug/l	96
82) 4-Chlorotoluene	12.855	91	302756	50.339	ug/l	100
83) tert-Butylbenzene	13.075	119	314669	48.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	350756	49.552	ug/l	98
85) sec-Butylbenzene	13.252	105	474019	49.930	ug/l	100
86) p-Isopropyltoluene	13.367	119	390092	49.560	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	205535	50.026	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	206326	50.068	ug/l	99
89) n-Butylbenzene	13.697	91	370339	49.902	ug/l	97
90) Hexachloroethane	13.965	117	77111	49.383	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	191608	49.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20326	47.407	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	120202	48.781	ug/l	98
94) Hexachlorobutadiene	15.111	225	63141	47.108	ug/l	99
95) Naphthalene	15.239	128	288767	47.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	109275	49.104	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015184.D
Acq On : 18 Aug 2023 09:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:04:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 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\VY081823\
 Data File : VY015184.D
 Acq On : 18 Aug 2023 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 18 23:04:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

