

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016226.D
 Acq On : 06 Nov 2023 09:35
 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 : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:53:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	166968	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	267015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	105847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80777	51.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.400%			
35) Dibromofluoromethane	7.722	113	80334	50.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.940%			
50) Toluene-d8	10.185	98	321621	50.958	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.489	95	105469	48.870	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51311	48.176	ug/l	100
3) Chloromethane	2.113	50	63879	43.318	ug/l	95
4) Vinyl Chloride	2.253	62	73340	48.187	ug/l	98
5) Bromomethane	2.650	94	48746	47.458	ug/l	98
6) Chloroethane	2.796	64	49768	46.447	ug/l	98
7) Trichlorofluoromethane	3.125	101	117834	51.283	ug/l	98
8) Diethyl Ether	3.528	74	38559	50.633	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	73640	50.873	ug/l	95
10) Methyl Iodide	4.088	142	79200	49.204	ug/l	97
11) Tert butyl alcohol	4.954	59	26872	230.201	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	65398	49.500	ug/l	92
13) Acrolein	3.729	56	31845	298.523	ug/l	97
14) Allyl chloride	4.479	41	101452	53.685	ug/l #	95
15) Acrylonitrile	5.161	53	84998	261.196	ug/l	97
16) Acetone	3.948	43	65877	265.308	ug/l	93
17) Carbon Disulfide	4.198	76	159114	48.239	ug/l	98
18) Methyl Acetate	4.479	43	65908	52.455	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	192092	51.114	ug/l	99
20) Methylene Chloride	4.716	84	76534	48.043	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	75527	49.077	ug/l	95
22) Diisopropyl ether	6.119	45	235345	51.488	ug/l	89
23) Vinyl Acetate	6.058	43	577338	257.257	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	139691	51.064	ug/l	97
25) 2-Butanone	6.984	43	110405	256.134	ug/l	95
26) 2,2-Dichloropropane	6.984	77	129902	50.233	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	91839	50.709	ug/l	91
28) Bromochloromethane	7.332	49	56299	54.997	ug/l	90
29) Tetrahydrofuran	7.350	42	70631	261.400	ug/l	91
30) Chloroform	7.509	83	149660	50.250	ug/l	95
31) Cyclohexane	7.783	56	113679	47.332	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	134554	49.263	ug/l	97
36) 1,1-Dichloropropene	7.917	75	111168	48.363	ug/l	100
37) Ethyl Acetate	7.070	43	50798	49.617	ug/l #	95
38) Carbon Tetrachloride	7.905	117	119171	52.330	ug/l	99
39) Methylcyclohexane	9.185	83	132350	48.236	ug/l	91
40) Benzene	8.161	78	317266	48.077	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016226.D
 Acq On : 06 Nov 2023 09:35
 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 : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:53:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	26146	43.997	ug/l	95
42) 1,2-Dichloroethane	8.240	62	88402	48.003	ug/l	94
43) Isopropyl Acetate	8.271	43	100557	49.654	ug/l #	92
44) Trichloroethene	8.941	130	91460	47.360	ug/l	95
45) 1,2-Dichloropropane	9.216	63	80112	50.464	ug/l	99
46) Dibromomethane	9.307	93	44622	49.550	ug/l	98
47) Bromodichloromethane	9.496	83	114684	50.122	ug/l	96
48) Methyl methacrylate	9.295	41	45737	49.666	ug/l	87
49) 1,4-Dioxane	9.295	88	9727	895.831	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	256617	253.955	ug/l	91
52) Toluene	10.246	92	204694	47.868	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	113988	49.904	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	131761	49.160	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	62096	49.020	ug/l	98
56) Ethyl methacrylate	10.514	69	83094	50.509	ug/l #	85
57) 1,3-Dichloropropane	10.795	76	105802	49.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	216027	270.801	ug/l	94
59) 2-Hexanone	10.837	43	190411	274.983	ug/l	90
60) Dibromochloromethane	10.990	129	78250	49.238	ug/l	99
61) 1,2-Dibromoethane	11.093	107	58721	48.735	ug/l	99
64) Tetrachloroethene	10.721	164	89853	43.826	ug/l	98
65) Chlorobenzene	11.520	112	219750	47.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	85644	50.493	ug/l	99
67) Ethyl Benzene	11.599	91	396938	48.462	ug/l	98
68) m/p-Xylenes	11.709	106	303828	95.996	ug/l	95
69) o-Xylene	12.032	106	146498	48.479	ug/l	96
70) Styrene	12.050	104	242841	48.339	ug/l	97
71) Bromoform	12.215	173	47809	50.809	ug/l #	100
73) Isopropylbenzene	12.337	105	392524	49.437	ug/l	100
74) N-amyl acetate	12.148	43	87312	50.604	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	65905	52.164	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	49623m	49.784	ug/l	
77) Bromobenzene	12.617	156	88360	49.148	ug/l	96
78) n-propylbenzene	12.678	91	469139	49.978	ug/l	100
79) 2-Chlorotoluene	12.764	91	255853	48.868	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	315242	49.007	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23649	51.443	ug/l	92
82) 4-Chlorotoluene	12.861	91	265314	49.350	ug/l	99
83) tert-Butylbenzene	13.081	119	284800	49.482	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	309849	48.680	ug/l	99
85) sec-Butylbenzene	13.258	105	420196	49.741	ug/l	99
86) p-Isopropyltoluene	13.373	119	345168	49.300	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	172348	48.472	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	170938	48.641	ug/l	99
89) n-Butylbenzene	13.703	91	322917	50.196	ug/l	97
90) Hexachloroethane	13.965	117	65229	54.063	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	151394	49.280	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10637	47.043	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	89037	46.957	ug/l	99
94) Hexachlorobutadiene	15.117	225	51591	49.791	ug/l	97
95) Naphthalene	15.245	128	161792	43.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	73185	45.183	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016226.D
Acq On : 06 Nov 2023 09:35
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 :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:53:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 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\VY110623\
Data File : VY016226.D
Acq On : 06 Nov 2023 09:35
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: Nov 06 23:53:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/07/2023
Supervised By : Mahesh Dadoda 11/07/2023

