

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009049.D
 Acq On : 24 May 2022 09:50
 Operator : KP/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 :Krupa Patel 05/27/2022
 Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 25 02:48:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50286	45.417	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.840%		
35) Dibromofluoromethane	7.716	113	52262	47.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.740%		
50) Toluene-d8	10.179	98	174676	42.918	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.840%		
62) 4-Bromofluorobenzene	12.483	95	88163	53.700	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48056	48.840	ug/l	100
3) Chloromethane	2.113	50	77314	54.847	ug/l	99
4) Vinyl Chloride	2.253	62	109733	52.544	ug/l	99
5) Bromomethane	2.644	94	88305	43.136	ug/l	98
6) Chloroethane	2.790	64	75545	51.061	ug/l	97
7) Trichlorofluoromethane	3.125	101	88106	49.678	ug/l	98
8) Diethyl Ether	3.528	74	27234	49.109	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	54666	50.152	ug/l	94
10) Methyl Iodide	4.088	142	58954	52.378	ug/l	92
11) Tert butyl alcohol	4.954	59	22433	199.749	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	50609	50.015	ug/l	88
13) Acrolein	3.735	56	3724	100.741	ug/l	100
14) Allyl chloride	4.479	41	70422	46.181	ug/l #	83
15) Acrylonitrile	5.155	53	72243	232.665	ug/l	97
16) Acetone	3.942	43	65299	283.329	ug/l	93
17) Carbon Disulfide	4.192	76	163387	49.424	ug/l	100
18) Methyl Acetate	4.473	43	32223	44.899	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	141910	46.725	ug/l	97
20) Methylene Chloride	4.704	84	67238	52.649	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	61313	47.209	ug/l	90
22) Diisopropyl ether	6.119	45	177597	48.477	ug/l #	94
23) Vinyl Acetate	6.058	43	590149	243.523	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	105310	48.060	ug/l	97
25) 2-Butanone	6.984	43	102849	249.848	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	101953	50.509	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	69465	47.446	ug/l	89
28) Bromochloromethane	7.326	49	36961	49.143	ug/l #	91
29) Tetrahydrofuran	7.344	42	66400	237.463	ug/l #	89
30) Chloroform	7.503	83	111968	47.337	ug/l	99
31) Cyclohexane	7.783	56	102420	47.285	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	104469	48.682	ug/l	99
36) 1,1-Dichloropropene	7.917	75	91552	48.763	ug/l	98
37) Ethyl Acetate	7.076	43	43978	45.157	ug/l	97
38) Carbon Tetrachloride	7.899	117	94342	48.035	ug/l	99
39) Methylcyclohexane	9.179	83	118174	48.763	ug/l	87
40) Benzene	8.161	78	261198	48.246	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009049.D
 Acq On : 24 May 2022 09:50
 Operator : KP/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 :Krupa Patel 05/27/2022
 Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 25 02:48:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23612m	46.983	ug/l	
42) 1,2-Dichloroethane	8.234	62	78587	49.434	ug/l	95
43) Isopropyl Acetate	8.271	43	88685	48.974	ug/l	93
44) Trichloroethene	8.941	130	67237	46.904	ug/l	92
45) 1,2-Dichloropropane	9.216	63	64925	49.944	ug/l	94
46) Dibromomethane	9.301	93	39454	47.731	ug/l	93
47) Bromodichloromethane	9.496	83	91750	48.568	ug/l	98
48) Methyl methacrylate	9.289	41	41314	51.093	ug/l #	88
49) 1,4-Dioxane	9.295	88	9516	861.201	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	248627	248.081	ug/l	92
52) Toluene	10.240	92	184428	48.746	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	101206	50.450	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	107052	49.639	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	54591	47.206	ug/l	98
56) Ethyl methacrylate	10.508	69	73200	49.509	ug/l	88
57) 1,3-Dichloropropane	10.789	76	92818	49.203	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	163865	256.181	ug/l	97
59) 2-Hexanone	10.831	43	180247	262.682	ug/l	91
60) Dibromochloromethane	10.984	129	67609	48.228	ug/l	100
61) 1,2-Dibromoethane	11.087	107	54324	47.405	ug/l	100
64) Tetrachloroethene	10.721	164	60813	46.848	ug/l	99
65) Chlorobenzene	11.514	112	193430	47.255	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	72627	48.455	ug/l	97
67) Ethyl Benzene	11.593	91	369637	50.108	ug/l	98
68) m/p-Xylenes	11.703	106	310292	103.617	ug/l	92
69) o-Xylene	12.032	106	142783	51.345	ug/l	91
70) Styrene	12.044	104	253592	53.027	ug/l	94
71) Bromoform	12.209	173	49042	49.358	ug/l #	99
73) Isopropylbenzene	12.331	105	391612	45.161	ug/l	99
74) N-amyl acetate	12.142	43	97358	48.662	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	75352	42.183	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	57114m	45.861	ug/l	
77) Bromobenzene	12.611	156	85760	42.664	ug/l	95
78) n-propylbenzene	12.672	91	496531	49.561	ug/l	100
79) 2-Chlorotoluene	12.758	91	264753	45.813	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	343292	47.232	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27434	45.214	ug/l	87
82) 4-Chlorotoluene	12.855	91	296878	48.030	ug/l	97
83) tert-Butylbenzene	13.075	119	300484	46.599	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	349019	48.372	ug/l	97
85) sec-Butylbenzene	13.258	105	479748	48.627	ug/l	99
86) p-Isopropyltoluene	13.373	119	406507	49.410	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	201400	46.969	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	202228	46.943	ug/l	97
89) n-Butylbenzene	13.697	91	376286	49.993	ug/l	100
90) Hexachloroethane	13.965	117	71809	46.575	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	175077	46.254	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11728	42.289	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	90308	43.473	ug/l	99
94) Hexachlorobutadiene	15.111	225	49070	43.340	ug/l	98
95) Naphthalene	15.239	128	179293	42.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	78151	43.293	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
Data File : VY009049.D
Acq On : 24 May 2022 09:50
Operator : KP/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 :Krupa Patel 05/27/2022
Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 25 02:48:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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\VY052422\
 Data File : VY009049.D
 Acq On : 24 May 2022 09:50
 Operator : KP/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 :Krupa Patel 05/27/2022
 Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 25 02:48:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

