

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007590.D
 Acq On : 22 Feb 2022 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 04:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	60970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	92590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33427	52.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.880%			
35) Dibromofluoromethane	7.716	113	28457	48.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.940%			
50) Toluene-d8	10.179	98	88911	43.677	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.360%			
62) 4-Bromofluorobenzene	12.477	95	34901	47.351	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47704	63.102	ug/l	98
3) Chloromethane	2.113	50	26405	42.060	ug/l	92
4) Vinyl Chloride	2.247	62	23425	35.635	ug/l	99
5) Bromomethane	2.650	94	20792	42.663	ug/l	99
6) Chloroethane	2.796	64	15849	38.831	ug/l	96
7) Trichlorofluoromethane	3.125	101	86692	60.293	ug/l	99
8) Diethyl Ether	3.527	74	19027	52.002	ug/l	58
9) 1,1,2-Trichlorotrifluo...	3.899	101	37671	53.313	ug/l	95
10) Methyl Iodide	4.088	142	47342	56.120	ug/l	91
11) Tert butyl alcohol	4.960	59	18089	324.961	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	32157	50.739	ug/l #	73
13) Acrolein	3.723	56	6789	165.376	ug/l	95
14) Allyl chloride	4.485	41	28539	41.788	ug/l #	46
15) Acrylonitrile	5.161	53	34398	245.442	ug/l	95
16) Acetone	3.942	43	35423	237.769	ug/l	94
17) Carbon Disulfide	4.192	76	76321	45.811	ug/l	99
18) Methyl Acetate	4.479	43	14588	50.470	ug/l #	69
19) Methyl tert-butyl Ether	5.216	73	92457	52.176	ug/l #	87
20) Methylene Chloride	4.710	84	34647	55.455	ug/l #	74
21) trans-1,2-Dichloroethene	5.216	96	30847	46.826	ug/l #	77
22) Diisopropyl ether	6.119	45	51877	42.160	ug/l #	61
23) Vinyl Acetate	6.058	43	219261	234.697	ug/l #	79
24) 1,1-Dichloroethane	6.015	63	49750	48.219	ug/l	97
25) 2-Butanone	6.984	43	39220	231.237	ug/l #	68
26) 2,2-Dichloropropane	6.984	77	59384	52.085	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	36225	48.438	ug/l	82
28) Bromochloromethane	7.326	49	14103	40.435	ug/l #	34
29) Tetrahydrofuran	7.350	42	21516	220.212	ug/l #	53
30) Chloroform	7.508	83	65949	51.967	ug/l	98
31) Cyclohexane	7.783	56	34137	43.998	ug/l #	67
32) 1,1,1-Trichloroethane	7.704	97	69649	55.616	ug/l	95
36) 1,1-Dichloropropene	7.917	75	39768	46.353	ug/l	94
37) Ethyl Acetate	7.070	43	17032	48.655	ug/l #	91
38) Carbon Tetrachloride	7.899	117	67245	58.202	ug/l	97
39) Methylcyclohexane	9.185	83	52139	48.124	ug/l #	83
40) Benzene	8.161	78	109220	47.519	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007590.D
 Acq On : 22 Feb 2022 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 04:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8850m	47.186	ug/l	
42) 1,2-Dichloroethane	8.240	62	46144	57.486	ug/l	97
43) Isopropyl Acetate	8.271	43	39369	54.164	ug/l #	89
44) Trichloroethene	8.941	130	40740	54.885	ug/l	98
45) 1,2-Dichloropropane	9.216	63	24616	46.623	ug/l	98
46) Dibromomethane	9.307	93	22102	56.386	ug/l	99
47) Bromodichloromethane	9.496	83	54039	58.087	ug/l #	95
48) Methyl methacrylate	9.289	41	16637	53.210	ug/l #	55
49) 1,4-Dioxane	9.295	88	5499	1240.844	ug/l #	71
51) 4-Methyl-2-Pentanone	10.069	43	98454	275.074	ug/l	93
52) Toluene	10.240	92	78775	50.009	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	50720	53.479	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	50822	49.908	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	27550	53.100	ug/l	96
56) Ethyl methacrylate	10.508	69	33259	52.138	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	42742	51.086	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	76399	244.904	ug/l #	73
59) 2-Hexanone	10.831	43	71883	278.634	ug/l	94
60) Dibromochloromethane	10.983	129	42424	59.669	ug/l	97
61) 1,2-Dibromoethane	11.087	107	28503	54.648	ug/l	97
64) Tetrachloroethene	10.721	164	36809	51.326	ug/l	97
65) Chlorobenzene	11.514	112	96525	51.919	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	41327	55.052	ug/l	98
67) Ethyl Benzene	11.593	91	167073	50.438	ug/l	99
68) m/p-Xylenes	11.703	106	127759	101.299	ug/l	98
69) o-Xylene	12.026	106	62986	52.369	ug/l	99
70) Styrene	12.044	104	105174	52.504	ug/l	97
71) Bromoform	12.203	173	26693	57.527	ug/l #	98
73) Isopropylbenzene	12.325	105	172059	46.243	ug/l	100
74) N-amyl acetate	12.142	43	38225	52.970	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	30949	48.062	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	23219m	42.199	ug/l	
77) Bromobenzene	12.605	156	42622	48.800	ug/l	82
78) n-propylbenzene	12.672	91	201559	46.472	ug/l	96
79) 2-Chlorotoluene	12.751	91	112550	46.351	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	149782	48.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	10348	46.091	ug/l	93
82) 4-Chlorotoluene	12.855	91	121337	48.495	ug/l	98
83) tert-Butylbenzene	13.075	119	137121	49.373	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	148921	48.578	ug/l	99
85) sec-Butylbenzene	13.251	105	192766	48.070	ug/l	98
86) p-Isopropyltoluene	13.367	119	165814	49.100	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	84156	50.785	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	83504	50.586	ug/l	100
89) n-Butylbenzene	13.690	91	151169	49.011	ug/l	96
90) Hexachloroethane	13.959	117	34130	51.038	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	75927	51.223	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7262	60.517	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	53902	55.322	ug/l	98
94) Hexachlorobutadiene	15.105	225	32651	55.577	ug/l	98
95) Naphthalene	15.233	128	116100	57.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46918	54.325	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007590.D
Acq On : 22 Feb 2022 18:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 04:52:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 15:25:36 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\VY022222\
 Data File : VY007590.D
 Acq On : 22 Feb 2022 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 23 04:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

