

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012602.D
 Acq On : 15 Feb 2023 09:41
 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 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 00:46:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85429	52.669	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.340%			
35) Dibromofluoromethane	7.716	113	75489	56.069	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.140%			
50) Toluene-d8	10.179	98	300843	53.684	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.360%			
62) 4-Bromofluorobenzene	12.483	95	106866	54.672	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40301	44.316	ug/l	99
3) Chloromethane	2.113	50	41178	41.434	ug/l	100
4) Vinyl Chloride	2.253	62	55306	44.667	ug/l	96
5) Bromomethane	2.656	94	42977	47.398	ug/l	98
6) Chloroethane	2.796	64	43896	50.933	ug/l	100
7) Trichlorofluoromethane	3.131	101	121535	47.755	ug/l	99
8) Diethyl Ether	3.533	74	37467	49.649	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	61859	48.134	ug/l	98
10) Methyl Iodide	4.094	142	77250	46.367	ug/l	99
11) Tert butyl alcohol	4.960	59	40842	261.197	ug/l	100
12) 1,1-Dichloroethene	3.881	96	59054	46.506	ug/l	91
13) Acrolein	3.728	56	58658	307.621	ug/l	98
14) Allyl chloride	4.478	41	70971	45.839	ug/l	99
15) Acrylonitrile	5.161	53	93822	269.482	ug/l	99
16) Acetone	3.948	43	105262	269.632	ug/l	94
17) Carbon Disulfide	4.198	76	142272	43.196	ug/l	98
18) Methyl Acetate	4.478	43	46229	49.267	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	199320	53.642	ug/l	97
20) Methylene Chloride	4.716	84	72279	49.519	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	67327	48.616	ug/l	97
22) Diisopropyl ether	6.118	45	161873	51.418	ug/l	96
23) Vinyl Acetate	6.057	43	518487	273.197	ug/l	99
24) 1,1-Dichloroethane	6.015	63	109926	48.844	ug/l	99
25) 2-Butanone	6.984	43	116374	268.674	ug/l	97
26) 2,2-Dichloropropane	6.984	77	124803	50.473	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	82670	51.440	ug/l	98
28) Bromochloromethane	7.331	49	45255	55.319	ug/l	98
29) Tetrahydrofuran	7.350	42	65889	281.379	ug/l	97
30) Chloroform	7.508	83	141202	52.039	ug/l	97
31) Cyclohexane	7.789	56	82161	43.811	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	136674	51.907	ug/l	99
36) 1,1-Dichloropropene	7.917	75	91888	50.428	ug/l	99
37) Ethyl Acetate	7.069	43	43682	53.127	ug/l	97
38) Carbon Tetrachloride	7.898	117	128680	52.608	ug/l	98
39) Methylcyclohexane	9.185	83	105981	48.335	ug/l	98
40) Benzene	8.161	78	277878	51.632	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012602.D
 Acq On : 15 Feb 2023 09:41
 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 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 00:46:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24589m	54.586	ug/l	
42) 1,2-Dichloroethane	8.240	62	95674	54.846	ug/l	99
43) Isopropyl Acetate	8.270	43	83763	54.946	ug/l	99
44) Trichloroethene	8.941	130	82844	50.566	ug/l	99
45) 1,2-Dichloropropane	9.215	63	60525	51.864	ug/l	96
46) Dibromomethane	9.307	93	42713	55.276	ug/l	100
47) Bromodichloromethane	9.496	83	110311	55.058	ug/l	97
48) Methyl methacrylate	9.295	41	38079	54.647	ug/l	96
49) 1,4-Dioxane	9.301	88	12397	1162.179	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	239789	291.538	ug/l	100
52) Toluene	10.246	92	192536	52.754	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	107981	53.485	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	115214	52.735	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	63980	56.665	ug/l	97
56) Ethyl methacrylate	10.508	69	82811	58.377	ug/l	97
57) 1,3-Dichloropropane	10.788	76	101026	55.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	176869	277.395	ug/l	97
59) 2-Hexanone	10.831	43	180685	290.690	ug/l	99
60) Dibromochloromethane	10.983	129	85770	56.987	ug/l	98
61) 1,2-Dibromoethane	11.093	107	58562	55.356	ug/l	96
64) Tetrachloroethene	10.721	164	76373	42.634	ug/l	96
65) Chlorobenzene	11.520	112	217180	53.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	88717	55.629	ug/l	98
67) Ethyl Benzene	11.593	91	379928	53.176	ug/l	100
68) m/p-Xylenes	11.703	106	305924	107.271	ug/l	99
69) o-Xylene	12.032	106	146339	53.881	ug/l	98
70) Styrene	12.044	104	252467	54.811	ug/l	99
71) Bromoform	12.209	173	59872	59.394	ug/l	99
73) Isopropylbenzene	12.331	105	400380	52.469	ug/l	99
74) N-amyl acetate	12.142	43	74676	54.061	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	73247	59.364	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	51240m	48.627	ug/l	
77) Bromobenzene	12.611	156	98688	53.359	ug/l	96
78) n-propylbenzene	12.672	91	458481	52.201	ug/l	99
79) 2-Chlorotoluene	12.757	91	258343	51.815	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	346775	52.791	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	22534	48.224	ug/l	96
82) 4-Chlorotoluene	12.855	91	269676	51.561	ug/l	99
83) tert-Butylbenzene	13.074	119	304647	52.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	344571	53.311	ug/l	99
85) sec-Butylbenzene	13.257	105	435052	52.792	ug/l	100
86) p-Isopropyltoluene	13.373	119	384386	53.767	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	195612	53.156	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	192881	52.326	ug/l	99
89) n-Butylbenzene	13.696	91	319653	52.316	ug/l	99
90) Hexachloroethane	13.958	117	66847	50.942	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	175932	53.144	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13683	55.727	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	108491	52.891	ug/l	99
94) Hexachlorobutadiene	15.117	225	65608	51.487	ug/l	99
95) Naphthalene	15.239	128	226545	57.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	95490	53.781	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
Data File : VY012602.D
Acq On : 15 Feb 2023 09:41
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 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 00:46:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

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

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

