

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014593.D
 Acq On : 06 Jul 2023 17:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/07/2023

Supervised By :Mahesh
 Dadoda
 07/07/2023

Quant Time: Jul 07 06:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	331993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	488468	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	463874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	248584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	183830	55.662	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.320%			
35) Dibromofluoromethane	7.704	113	169438	56.329	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.660%			
50) Toluene-d8	10.173	98	645945	54.322	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.640%			
62) 4-Bromofluorobenzene	12.477	95	229530	55.589	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	112877	47.209	ug/l	97
3) Chloromethane	2.107	50	185281	48.188	ug/l	98
4) Vinyl Chloride	2.235	62	225507	50.883	ug/l	97
5) Bromomethane	2.625	94	163517	47.581	ug/l	99
6) Chloroethane	2.772	64	146229	51.243	ug/l	98
7) Trichlorofluoromethane	3.107	101	252533	46.917	ug/l	100
8) Diethyl Ether	3.515	74	99728	48.932	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.881	101	158956	49.452	ug/l	97
10) Methyl Iodide	4.076	142	170026	46.354	ug/l	93
11) Tert butyl alcohol	4.954	59	143766	251.339	ug/l #	81
12) 1,1-Dichloroethene	3.851	96	149341	47.959	ug/l	95
13) Acrolein	3.717	56	82509	188.233	ug/l	99
14) Allyl chloride	4.460	41	237628	50.629	ug/l	88
15) Acrylonitrile	5.143	53	314566	268.862	ug/l	99
16) Acetone	3.936	43	255375	247.606	ug/l #	89
17) Carbon Disulfide	4.174	76	451912	47.623	ug/l	100
18) Methyl Acetate	4.460	43	258863	55.136	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	465996	52.069	ug/l	96
20) Methylene Chloride	4.698	84	201206	54.498	ug/l	91
21) trans-1,2-Dichloroethene	5.198	96	169905	48.203	ug/l	99
22) Diisopropyl ether	6.106	45	504324	52.148	ug/l #	90
23) Vinyl Acetate	6.045	43	1477572	264.074	ug/l	95
24) 1,1-Dichloroethane	5.997	63	298821	49.219	ug/l	99
25) 2-Butanone	6.978	43	402445	263.528	ug/l	93
26) 2,2-Dichloropropane	6.966	77	227422	43.947	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	193596	48.419	ug/l	94
28) Bromochloromethane	7.320	49	129802	50.916	ug/l	93
29) Tetrahydrofuran	7.338	42	274753	278.926	ug/l	90
30) Chloroform	7.496	83	310207	48.980	ug/l	96
31) Cyclohexane	7.777	56	243506	46.996	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	255746	47.242	ug/l	98
36) 1,1-Dichloropropene	7.905	75	229294	49.776	ug/l	99
37) Ethyl Acetate	7.064	43	169630	53.695	ug/l #	92
38) Carbon Tetrachloride	7.887	117	231882	48.221	ug/l	99
39) Methylcyclohexane	9.173	83	275491	50.034	ug/l	97
40) Benzene	8.149	78	675636	48.454	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014593.D
 Acq On : 06 Jul 2023 17:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/07/2023

Supervised By :Mahesh
 Dadoda
 07/07/2023

Quant Time: Jul 07 06:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	94469m	61.211	ug/l	
42) 1,2-Dichloroethane	8.228	62	211580	51.624	ug/l	95
43) Isopropyl Acetate	8.265	43	285663	53.358	ug/l #	92
44) Trichloroethene	8.935	130	185916	47.825	ug/l	94
45) 1,2-Dichloropropane	9.209	63	183274	51.235	ug/l	95
46) Dibromomethane	9.295	93	111869	51.370	ug/l	97
47) Bromodichloromethane	9.490	83	242245	50.486	ug/l	99
48) Methyl methacrylate	9.289	41	136389	56.022	ug/l #	82
49) 1,4-Dioxane	9.295	88	43191	1110.680	ug/l #	49
51) 4-Methyl-2-Pentanone	10.063	43	870515	274.653	ug/l	90
52) Toluene	10.240	92	422557	48.156	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	254978	49.693	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	284264	49.654	ug/l #	86
55) 1,1,2-Trichloroethane	10.636	97	160728	50.723	ug/l	99
56) Ethyl methacrylate	10.502	69	227351	52.744	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	263082	50.954	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	591358	283.188	ug/l	98
59) 2-Hexanone	10.825	43	643032	280.858	ug/l	88
60) Dibromochloromethane	10.977	129	188454	50.755	ug/l	100
61) 1,2-Dibromoethane	11.081	107	159185	51.456	ug/l	99
64) Tetrachloroethene	10.715	164	196427	47.369	ug/l	98
65) Chlorobenzene	11.508	112	469092	47.452	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	181647	48.346	ug/l	97
67) Ethyl Benzene	11.587	91	812246	48.182	ug/l	98
68) m/p-Xylenes	11.697	106	633811	94.783	ug/l	96
69) o-Xylene	12.026	106	303736	47.890	ug/l	96
70) Styrene	12.038	104	531605	48.718	ug/l	97
71) Bromoform	12.203	173	142575	49.948	ug/l	100
73) Isopropylbenzene	12.325	105	783490	48.125	ug/l	99
74) N-amyl acetate	12.142	43	255782	52.056	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	216610	51.846	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	141553m	48.526	ug/l	
77) Bromobenzene	12.605	156	214228	48.177	ug/l	98
78) n-propylbenzene	12.666	91	990092	49.855	ug/l	100
79) 2-Chlorotoluene	12.752	91	559659	48.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	674214	48.918	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	71620	47.789	ug/l	89
82) 4-Chlorotoluene	12.849	91	577410	48.224	ug/l	97
83) tert-Butylbenzene	13.069	119	564779	46.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	675085	49.086	ug/l	97
85) sec-Butylbenzene	13.251	105	883259	49.415	ug/l	99
86) p-Isopropyltoluene	13.367	119	735329	48.885	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	413986	47.616	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	409233	46.967	ug/l	99
89) n-Butylbenzene	13.690	91	691958	49.777	ug/l	98
90) Hexachloroethane	13.959	117	147782	49.598	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	380188	48.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	40652	53.147	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	249771	49.104	ug/l	98
94) Hexachlorobutadiene	15.111	225	155859	49.855	ug/l	98
95) Naphthalene	15.233	128	547152	50.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	233430	50.366	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
Data File : VY014593.D
Acq On : 06 Jul 2023 17:07
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 07 06:16:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/07/2023

Supervised By :Mahesh
Dadoda
07/07/2023

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

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

