

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY014999.D
 Acq On : 09 Aug 2023 11:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 01:42:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	356367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	590909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	526501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	266650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	215810	49.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.710	113	192374	50.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.820%		
50) Toluene-d8	10.179	98	691475	48.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.160%		
62) 4-Bromofluorobenzene	12.483	95	256103	50.241	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85124	42.539	ug/l	97
3) Chloromethane	2.107	50	122122	43.544	ug/l	100
4) Vinyl Chloride	2.247	62	143553	41.539	ug/l	94
5) Bromomethane	2.643	94	98200	43.859	ug/l	98
6) Chloroethane	2.784	64	104305	43.714	ug/l	96
7) Trichlorofluoromethane	3.119	101	251382	46.031	ug/l	98
8) Diethyl Ether	3.527	74	102120	50.675	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	148546	45.949	ug/l	96
10) Methyl Iodide	4.082	142	191469	57.285	ug/l	97
11) Tert butyl alcohol	4.972	59	174209	167.119	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	133674	47.456	ug/l	91
13) Acrolein	3.729	56	96792	272.946	ug/l	99
14) Allyl chloride	4.472	41	240123	51.191	ug/l	96
15) Acrylonitrile	5.161	53	311992	253.418	ug/l	99
16) Acetone	3.948	43	373800	277.530	ug/l	95
17) Carbon Disulfide	4.186	76	278623	44.738	ug/l	98
18) Methyl Acetate	4.478	43	260187	53.046	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	553126	51.903	ug/l	99
20) Methylene Chloride	4.710	84	255014	50.474	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	152941	47.634	ug/l	99
22) Diisopropyl ether	6.118	45	562545	51.487	ug/l	92
23) Vinyl Acetate	6.057	43	1653129	251.697	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	311501	50.264	ug/l	97
25) 2-Butanone	6.984	43	481697	249.695	ug/l	97
26) 2,2-Dichloropropane	6.972	77	294577	46.976	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	201378	49.561	ug/l	96
28) Bromochloromethane	7.332	49	144237	51.629	ug/l	90
29) Tetrahydrofuran	7.350	42	281105	248.483	ug/l	91
30) Chloroform	7.502	83	340617	50.596	ug/l	95
31) Cyclohexane	7.783	56	210460	46.884	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	290666	48.993	ug/l	98
36) 1,1-Dichloropropene	7.911	75	216598	46.169	ug/l	98
37) Ethyl Acetate	7.076	43	188529	50.628	ug/l #	96
38) Carbon Tetrachloride	7.899	117	251677	47.720	ug/l	99
39) Methylcyclohexane	9.179	83	248665	44.571	ug/l	96
40) Benzene	8.155	78	660844	47.838	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY014999.D
 Acq On : 09 Aug 2023 11:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:42:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	86132	47.595	ug/l	95
42) 1,2-Dichloroethane	8.234	62	239819	49.873	ug/l	95
43) Isopropyl Acetate	8.270	43	353318	51.068	ug/l	97
44) Trichloroethene	8.935	130	192560	48.579	ug/l	100
45) 1,2-Dichloropropane	9.215	63	182934	49.827	ug/l	98
46) Dibromomethane	9.301	93	117675	49.755	ug/l	97
47) Bromodichloromethane	9.496	83	277976	51.039	ug/l	98
48) Methyl methacrylate	9.289	41	155761	51.312	ug/l	93
49) 1,4-Dioxane	9.301	88	43292	984.094	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	999971	256.477	ug/l	94
52) Toluene	10.240	92	429882	48.357	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	294302	51.889	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	313921	51.229	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	171499	49.892	ug/l	95
56) Ethyl methacrylate	10.508	69	257739	52.364	ug/l	89
57) 1,3-Dichloropropane	10.788	76	285138	50.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	577102	247.970	ug/l	93
59) 2-Hexanone	10.831	43	749593	260.260	ug/l	93
60) Dibromochloromethane	10.983	129	210242	51.367	ug/l	100
61) 1,2-Dibromoethane	11.087	107	164112	50.018	ug/l	100
64) Tetrachloroethene	10.721	164	210659	53.191	ug/l	98
65) Chlorobenzene	11.514	112	492727	49.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	199652	51.000	ug/l	98
67) Ethyl Benzene	11.593	91	861255	49.122	ug/l	99
68) m/p-Xylenes	11.703	106	658043	98.110	ug/l	97
69) o-Xylene	12.026	106	326524	49.752	ug/l	99
70) Styrene	12.044	104	563352	50.227	ug/l	98
71) Bromoform	12.209	173	144273	53.467	ug/l #	98
73) Isopropylbenzene	12.331	105	860910	48.029	ug/l	100
74) N-amyl acetate	12.142	43	311856	50.922	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	217161	49.576	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	164695m	51.546	ug/l	
77) Bromobenzene	12.605	156	215169	49.488	ug/l	97
78) n-propylbenzene	12.672	91	1025179	47.819	ug/l	99
79) 2-Chlorotoluene	12.757	91	602703	49.327	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	739064	50.034	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	75583	52.115	ug/l	98
82) 4-Chlorotoluene	12.855	91	623262	49.343	ug/l	100
83) tert-Butylbenzene	13.074	119	649057	48.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	773400	52.259	ug/l	100
85) sec-Butylbenzene	13.251	105	942044	47.501	ug/l	99
86) p-Isopropyltoluene	13.367	119	794201	48.379	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	416422	48.931	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	416884	49.119	ug/l	99
89) n-Butylbenzene	13.696	91	745469	48.331	ug/l	96
90) Hexachloroethane	13.958	117	159184	49.934	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	392197	49.933	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	43741	51.143	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	256286	50.991	ug/l	98
94) Hexachlorobutadiene	15.111	225	134478	49.342	ug/l	97
95) Naphthalene	15.233	128	635533	53.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	232038	51.004	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY014999.D
 Acq On : 09 Aug 2023 11:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:42:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

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

