

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013934.D
 Acq On : 31 May 2023 14:07
 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 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Quant Time: May 31 17:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	282106	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	427613	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	384078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160039	49.036	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.080%		
35) Dibromofluoromethane	7.716	113	139197	50.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.820%		
50) Toluene-d8	10.179	98	512293	48.810	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.620%		
62) 4-Bromofluorobenzene	12.483	95	180668	51.785	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	122264	47.315	ug/l	98
3) Chloromethane	2.113	50	139649	44.360	ug/l	99
4) Vinyl Chloride	2.253	62	139867	43.445	ug/l	98
5) Bromomethane	2.649	94	105275	41.150	ug/l	95
6) Chloroethane	2.796	64	90195	42.995	ug/l	98
7) Trichlorofluoromethane	3.125	101	238791	44.072	ug/l	97
8) Diethyl Ether	3.527	74	74487	44.820	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	128294	43.679	ug/l	99
10) Methyl Iodide	4.088	142	155911	44.712	ug/l	99
11) Tert butyl alcohol	4.960	59	82244m	328.949	ug/l	
12) 1,1-Dichloroethene	3.869	96	122619	44.436	ug/l	96
13) Acrolein	3.729	56	113903	302.869	ug/l	99
14) Allyl chloride	4.478	41	218536	43.379	ug/l	100
15) Acrylonitrile	5.161	53	188241	220.913	ug/l	99
16) Acetone	3.954	43	222021	229.204	ug/l	97
17) Carbon Disulfide	4.192	76	353734	42.945	ug/l	99
18) Methyl Acetate	4.478	43	147023	43.750	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	338611	44.964	ug/l	99
20) Methylene Chloride	4.716	84	145732	42.026	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	128464	42.826	ug/l	98
22) Diisopropyl ether	6.112	45	433352	44.552	ug/l	99
23) Vinyl Acetate	6.057	43	1272113	224.545	ug/l	99
24) 1,1-Dichloroethane	6.015	63	243210	42.830	ug/l	99
25) 2-Butanone	6.984	43	260398	220.304	ug/l	98
26) 2,2-Dichloropropane	6.978	77	226769	44.334	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	146644	43.518	ug/l	97
28) Bromochloromethane	7.325	49	65925	39.553	ug/l	99
29) Tetrahydrofuran	7.350	42	161336	228.617	ug/l	100
30) Chloroform	7.502	83	257360	44.703	ug/l	99
31) Cyclohexane	7.783	56	204085	40.700	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	234533	44.656	ug/l	99
36) 1,1-Dichloropropene	7.911	75	185394	44.076	ug/l	100
37) Ethyl Acetate	7.069	43	119883	46.725	ug/l	100
38) Carbon Tetrachloride	7.892	117	213801	44.696	ug/l	99
39) Methylcyclohexane	9.179	83	212810	43.202	ug/l	99
40) Benzene	8.155	78	537742	44.511	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013934.D
 Acq On : 31 May 2023 14:07
 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 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Quant Time: May 31 17:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	61537	43.958	ug/l	91
42) 1,2-Dichloroethane	8.234	62	178099	45.025	ug/l	99
43) Isopropyl Acetate	8.270	43	208953	44.691	ug/l	98
44) Trichloroethene	8.935	130	141586	43.501	ug/l	96
45) 1,2-Dichloropropane	9.209	63	136613	44.142	ug/l	99
46) Dibromomethane	9.301	93	78556	44.321	ug/l	99
47) Bromodichloromethane	9.496	83	195736	45.315	ug/l	98
48) Methyl methacrylate	9.289	41	101124	46.060	ug/l	98
49) 1,4-Dioxane	9.313	88	19455	933.957	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	575994	231.171	ug/l	99
52) Toluene	10.240	92	334489	45.409	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	200024	45.492	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	223305	45.334	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	109141	45.770	ug/l	96
56) Ethyl methacrylate	10.508	69	148729	46.725	ug/l	99
57) 1,3-Dichloropropane	10.788	76	184782	45.501	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	212495	209.221	ug/l	100
59) 2-Hexanone	10.831	43	422125	238.174	ug/l	99
60) Dibromochloromethane	10.983	129	137077	45.444	ug/l	99
61) 1,2-Dibromoethane	11.087	107	104183	45.928	ug/l	99
64) Tetrachloroethene	10.715	164	123489	43.455	ug/l	98
65) Chlorobenzene	11.514	112	356794	44.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	137999	44.417	ug/l	100
67) Ethyl Benzene	11.593	91	651009	44.940	ug/l	99
68) m/p-Xylenes	11.703	106	497699	90.785	ug/l	100
69) o-Xylene	12.026	106	233411	45.200	ug/l	99
70) Styrene	12.044	104	401877	45.943	ug/l	99
71) Bromoform	12.209	173	92029	45.321	ug/l #	99
73) Isopropylbenzene	12.331	105	629307	44.097	ug/l	100
74) N-amyl acetate	12.142	43	190064	44.297	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	131698	44.579	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	95170m	42.095	ug/l	
77) Bromobenzene	12.605	156	154317	44.070	ug/l	99
78) n-propylbenzene	12.672	91	775096	43.964	ug/l	100
79) 2-Chlorotoluene	12.757	91	432993	43.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	530500	45.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	46365	44.516	ug/l	97
82) 4-Chlorotoluene	12.855	91	451489	44.357	ug/l	98
83) tert-Butylbenzene	13.074	119	452302	44.085	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	529787	45.816	ug/l	99
85) sec-Butylbenzene	13.251	105	674652	44.266	ug/l	99
86) p-Isopropyltoluene	13.367	119	562017	44.616	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	295708	43.723	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	292882	43.498	ug/l	99
89) n-Butylbenzene	13.696	91	538963	44.617	ug/l	100
90) Hexachloroethane	13.958	117	112040	43.320	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	267348	44.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23123	44.675	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	166060	44.566	ug/l	99
94) Hexachlorobutadiene	15.111	225	101515	43.209	ug/l	98
95) Naphthalene	15.233	128	329756	41.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	147864	44.623	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
Data File : VY013934.D
Acq On : 31 May 2023 14:07
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 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

Quant Time: May 31 17:31:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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\VY053123\
 Data File : VY013934.D
 Acq On : 31 May 2023 14:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 17:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

