

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013770.D
 Acq On : 17 May 2023 11:22
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 06:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	263219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	413969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	153557	50.219	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.440%			
35) Dibromofluoromethane	7.722	113	135248	50.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.900%			
50) Toluene-d8	10.179	98	510209	50.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.400%			
62) 4-Bromofluorobenzene	12.483	95	172358	51.561	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	92600	48.998	ug/l	100
3) Chloromethane	2.119	50	137009	47.819	ug/l	100
4) Vinyl Chloride	2.259	62	139227	48.664	ug/l	100
5) Bromomethane	2.662	94	111556	43.972	ug/l	100
6) Chloroethane	2.802	64	92731	47.155	ug/l	100
7) Trichlorofluoromethane	3.137	101	203955	48.982	ug/l	100
8) Diethyl Ether	3.533	74	70554	50.638	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	117341	48.151	ug/l	100
10) Methyl Iodide	4.100	142	140221	52.373	ug/l	100
11) Tert butyl alcohol	4.991	59	61871	249.772	ug/l	100
12) 1,1-Dichloroethene	3.881	96	109446	49.548	ug/l	100
13) Acrolein	3.741	56	110510	249.730	ug/l	100
14) Allyl chloride	4.491	41	220595	50.697	ug/l	100
15) Acrylonitrile	5.173	53	207279	253.681	ug/l	100
16) Acetone	3.960	43	236725	256.604	ug/l	100
17) Carbon Disulfide	4.204	76	305301	48.100	ug/l	100
18) Methyl Acetate	4.491	43	160439	49.884	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	350598	52.316	ug/l	100
20) Methylene Chloride	4.728	84	143448	51.798	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	124500	50.056	ug/l	100
22) Diisopropyl ether	6.124	45	481738	52.048	ug/l	100
23) Vinyl Acetate	6.070	43	1421547	265.415	ug/l	100
24) 1,1-Dichloroethane	6.027	63	252033	49.812	ug/l	100
25) 2-Butanone	6.990	43	311394	259.659	ug/l	100
26) 2,2-Dichloropropane	6.984	77	216956	50.199	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	149656	51.064	ug/l	100
28) Bromochloromethane	7.344	49	83950	47.420	ug/l	100
29) Tetrahydrofuran	7.356	42	188501	262.697	ug/l	100
30) Chloroform	7.514	83	254870	49.988	ug/l	100
31) Cyclohexane	7.789	56	205734	46.928	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	217437	49.960	ug/l	100
36) 1,1-Dichloropropene	7.923	75	184058	50.181	ug/l	100
37) Ethyl Acetate	7.082	43	129579	51.359	ug/l	100
38) Carbon Tetrachloride	7.905	117	192682	49.797	ug/l	100
39) Methylcyclohexane	9.185	83	208665	50.053	ug/l	100
40) Benzene	8.161	78	533196	50.024	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013770.D
 Acq On : 17 May 2023 11:22
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 06:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:33:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	56097	46.090	ug/l	100
42) 1,2-Dichloroethane	8.240	62	174755	50.743	ug/l	100
43) Isopropyl Acetate	8.277	43	238564	52.096	ug/l	100
44) Trichloroethene	8.941	130	138505	49.708	ug/l	100
45) 1,2-Dichloropropane	9.215	63	148600	50.735	ug/l	100
46) Dibromomethane	9.307	93	84032	51.227	ug/l	100
47) Bromodichloromethane	9.496	83	200185	51.531	ug/l	100
48) Methyl methacrylate	9.295	41	111286	52.904	ug/l	100
49) 1,4-Dioxane	9.313	88	21668	1076.264	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	681217	267.134	ug/l	100
52) Toluene	10.246	92	332968	51.529	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	205976	51.425	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	227218	50.843	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	114203	51.188	ug/l	100
56) Ethyl methacrylate	10.508	69	163472	54.904	ug/l	100
57) 1,3-Dichloropropane	10.788	76	196032	51.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	253711	235.201	ug/l	100
59) 2-Hexanone	10.831	43	490002	270.323	ug/l	100
60) Dibromochloromethane	10.989	129	139249	51.509	ug/l	100
61) 1,2-Dibromoethane	11.087	107	108560	51.601	ug/l	100
64) Tetrachloroethene	10.721	164	115848	48.955	ug/l	100
65) Chlorobenzene	11.514	112	351695	49.810	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	138451	50.465	ug/l	100
67) Ethyl Benzene	11.593	91	640507	51.050	ug/l	100
68) m/p-Xylenes	11.703	106	483953	102.983	ug/l	100
69) o-Xylene	12.032	106	231336	51.749	ug/l	100
70) Styrene	12.044	104	394828	52.002	ug/l	100
71) Bromoform	12.209	173	93580	51.631	ug/l	100
73) Isopropylbenzene	12.331	105	621139	51.629	ug/l	100
74) N-amyl acetate	12.142	43	217260	53.214	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	147075	51.605	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	109466m	51.021	ug/l	100
77) Bromobenzene	12.611	156	146870	50.607	ug/l	100
78) n-propylbenzene	12.672	91	770201	51.970	ug/l	100
79) 2-Chlorotoluene	12.757	91	427338	51.092	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	509097	51.895	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	50956	52.747	ug/l	100
82) 4-Chlorotoluene	12.855	91	444086	50.970	ug/l	100
83) tert-Butylbenzene	13.074	119	440076	51.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	498815	51.879	ug/l	100
85) sec-Butylbenzene	13.251	105	663014	51.437	ug/l	100
86) p-Isopropyltoluene	13.367	119	536966	51.589	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	284302	50.320	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	283810	49.957	ug/l	100
89) n-Butylbenzene	13.696	91	521575	51.112	ug/l	100
90) Hexachloroethane	13.958	117	109079	49.593	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	256847	51.052	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23752	51.434	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	147384	49.365	ug/l	100
94) Hexachlorobutadiene	15.111	225	89039	48.008	ug/l	100
95) Naphthalene	15.239	128	302675	51.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	131508	48.957	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013770.D
Acq On : 17 May 2023 11:22
Operator : KP/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 06:38:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:33:28 2023
Response via : Initial Calibration

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

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

