

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013459.D
 Acq On : 25 Apr 2023 20:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 02:54:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	211272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	117000	50.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.040%			
35) Dibromofluoromethane	7.716	113	108133	51.787	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.580%			
50) Toluene-d8	10.179	98	372622	50.165	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.477	95	128737	51.410	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	106622	53.085	ug/l	100
3) Chloromethane	2.107	50	119743	44.476	ug/l	99
4) Vinyl Chloride	2.247	62	116481	43.452	ug/l	100
5) Bromomethane	2.650	94	95689	44.794	ug/l	97
6) Chloroethane	2.790	64	80078	43.241	ug/l	98
7) Trichlorofluoromethane	3.125	101	199338	49.086	ug/l	97
8) Diethyl Ether	3.528	74	70572	51.032	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	113726	49.926	ug/l	95
10) Methyl Iodide	4.088	142	138734	48.492	ug/l	98
11) Tert butyl alcohol	4.991	59	57705	221.285	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	109345	49.799	ug/l	93
13) Acrolein	3.729	56	43441	213.375	ug/l	97
14) Allyl chloride	4.473	41	201411	49.436	ug/l	97
15) Acrylonitrile	5.161	53	201077	259.630	ug/l	99
16) Acetone	3.954	43	196625	215.582	ug/l	97
17) Carbon Disulfide	4.192	76	356689	50.010	ug/l	99
18) Methyl Acetate	4.473	43	154220	51.196	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	327156	51.610	ug/l	97
20) Methylene Chloride	4.710	84	147845	52.080	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	126022	52.493	ug/l	97
22) Diisopropyl ether	6.119	45	406079	50.994	ug/l	96
23) Vinyl Acetate	6.058	43	1115409m	247.388	ug/l	
24) 1,1-Dichloroethane	6.015	63	223028	50.252	ug/l	98
25) 2-Butanone	6.990	43	274831	237.599	ug/l	93
26) 2,2-Dichloropropane	6.978	77	182481	47.715	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	139529	52.602	ug/l	97
28) Bromochloromethane	7.332	49	79945	50.761	ug/l	85
29) Tetrahydrofuran	7.350	42	184393	256.094	ug/l	92
30) Chloroform	7.503	83	232871	52.773	ug/l	99
31) Cyclohexane	7.783	56	192743	46.482	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	203020	51.559	ug/l	96
36) 1,1-Dichloropropene	7.917	75	170945	49.330	ug/l	97
37) Ethyl Acetate	7.070	43	124668	47.806	ug/l	97
38) Carbon Tetrachloride	7.899	117	186755	51.418	ug/l	94
39) Methylcyclohexane	9.179	83	201827	49.403	ug/l	96
40) Benzene	8.161	78	504304	51.663	ug/l	100

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41) Methacrylonitrile	7.307	41	63787	52.490	ug/l	94
42) 1,2-Dichloroethane	8.234	62	168073	52.665	ug/l	99
43) Isopropyl Acetate	8.271	43	215009	48.847	ug/l	97
44) Trichloroethene	8.941	130	134495	51.797	ug/l	100
45) 1,2-Dichloropropane	9.216	63	130476	51.121	ug/l	99
46) Dibromomethane	9.301	93	79967	52.364	ug/l	96
47) Bromodichloromethane	9.496	83	180782	52.904	ug/l	97
48) Methyl methacrylate	9.289	41	102145	50.528	ug/l	94
49) 1,4-Dioxane	9.313	88	22856	1047.929	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	631360	257.401	ug/l	97
52) Toluene	10.240	92	306750	52.220	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	185505	51.294	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	208319	51.191	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	110002	54.393	ug/l	99
56) Ethyl methacrylate	10.508	69	149823	53.399	ug/l	89
57) 1,3-Dichloropropane	10.789	76	181344	52.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	262091	249.111	ug/l	95
59) 2-Hexanone	10.831	43	459788	257.872	ug/l	97
60) Dibromochloromethane	10.984	129	131213	53.434	ug/l	100
61) 1,2-Dibromoethane	11.087	107	104571	52.593	ug/l	100
64) Tetrachloroethene	10.715	164	118333	51.595	ug/l	93
65) Chlorobenzene	11.514	112	333720	50.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	124248	50.564	ug/l	99
67) Ethyl Benzene	11.587	91	585715	50.767	ug/l	100
68) m/p-Xylenes	11.703	106	452121	103.083	ug/l	100
69) o-Xylene	12.026	106	211716	51.040	ug/l	97
70) Styrene	12.044	104	366703	52.872	ug/l	99
71) Bromoform	12.203	173	87643	50.920	ug/l	98
73) Isopropylbenzene	12.325	105	554255	49.404	ug/l	99
74) N-amyl acetate	12.142	43	198105	49.622	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	137293	50.067	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	97206m	48.595	ug/l	
77) Bromobenzene	12.605	156	138070	50.792	ug/l	93
78) n-propylbenzene	12.666	91	693343	50.175	ug/l	97
79) 2-Chlorotoluene	12.752	91	386238	50.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	466438	50.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	46784	47.841	ug/l	93
82) 4-Chlorotoluene	12.855	91	401634	49.936	ug/l	97
83) tert-Butylbenzene	13.075	119	396983	50.042	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	452288	50.805	ug/l	99
85) sec-Butylbenzene	13.251	105	589371	49.502	ug/l	98
86) p-Isopropyltoluene	13.367	119	480409	50.176	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	258377	49.890	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	258685	49.447	ug/l	98
89) n-Butylbenzene	13.697	91	465627	49.827	ug/l	98
90) Hexachloroethane	13.959	117	98858	49.058	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	240058	51.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24399	50.380	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	146871	52.674	ug/l	99
94) Hexachlorobutadiene	15.111	225	83303	51.335	ug/l	99
95) Naphthalene	15.233	128	332936	55.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	136050	54.745	ug/l	100

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

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