

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013596.D
 Acq On : 04 May 2023 13:41
 Operator : KP/MD
 Sample : VY0504SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Manual Integrations
 APPROVED

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

Quant Time: May 05 00:58:58 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	270252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	408028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	373143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	156796	52.926	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.860%			
35) Dibromofluoromethane	7.716	113	134661	52.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.940%			
50) Toluene-d8	10.179	98	461129	50.510	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.483	95	169454	55.058	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57427	22.352	ug/l	97
3) Chloromethane	2.113	50	67020	19.461	ug/l	99
4) Vinyl Chloride	2.253	62	65143	18.997	ug/l	97
5) Bromomethane	2.650	94	53941	19.740	ug/l	96
6) Chloroethane	2.790	64	44818	18.919	ug/l	97
7) Trichlorofluoromethane	3.125	101	110385	21.250	ug/l	99
8) Diethyl Ether	3.528	74	38323	21.664	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	58526	20.086	ug/l	98
10) Methyl Iodide	4.095	142	68744	18.784	ug/l	97
11) Tert butyl alcohol	4.991	59	42074	126.411	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	56597	20.151	ug/l	98
13) Acrolein	3.729	56	28544	105.141	ug/l	94
14) Allyl chloride	4.479	41	104343	20.021	ug/l	97
15) Acrylonitrile	5.168	53	118609	119.724	ug/l	98
16) Acetone	3.961	43	128635	110.257	ug/l	95
17) Carbon Disulfide	4.192	76	170085	18.642	ug/l	98
18) Methyl Acetate	4.485	43	89390	23.198	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	175870	21.689	ug/l	98
20) Methylene Chloride	4.716	84	86772	18.673	ug/l #	86
21) trans-1,2-Dichloroethene	5.222	96	63651	20.727	ug/l	94
22) Diisopropyl ether	6.119	45	218382	21.439	ug/l	94
23) Vinyl Acetate	6.064	43	688162	119.318	ug/l	96
24) 1,1-Dichloroethane	6.015	63	118720	20.912	ug/l	98
25) 2-Butanone	6.990	43	175217	118.421	ug/l	94
26) 2,2-Dichloropropane	6.984	77	104813	21.425	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	72848	21.470	ug/l	95
28) Bromochloromethane	7.338	49	44307	21.993	ug/l	85
29) Tetrahydrofuran	7.350	42	107728	116.965	ug/l	93
30) Chloroform	7.509	83	127101	22.518	ug/l	96
31) Cyclohexane	7.783	56	100864	19.016	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	112341	22.304	ug/l	97
36) 1,1-Dichloropropene	7.917	75	90729	21.302	ug/l	97
37) Ethyl Acetate	7.076	43	77846	24.288	ug/l	95
38) Carbon Tetrachloride	7.899	117	101582	22.755	ug/l	98
39) Methylcyclohexane	9.185	83	100920	20.099	ug/l	94
40) Benzene	8.161	78	264292	22.029	ug/l	96

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41) Methacrylonitrile	7.320	41	38016m	25.453	ug/l	
42) 1,2-Dichloroethane	8.240	62	92427	23.564	ug/l	100
43) Isopropyl Acetate	8.271	43	122694	22.679	ug/l	97
44) Trichloroethene	8.941	130	71561	22.424	ug/l	95
45) 1,2-Dichloropropane	9.216	63	69194	22.058	ug/l	98
46) Dibromomethane	9.307	93	42080	22.419	ug/l	99
47) Bromodichloromethane	9.496	83	97350	23.179	ug/l	99
48) Methyl methacrylate	9.295	41	57498	23.142	ug/l	95
49) 1,4-Dioxane	9.313	88	13578	506.516	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	367538	121.916	ug/l	97
52) Toluene	10.246	92	164809	22.828	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	99626	22.413	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	109372	21.868	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	59287	23.852	ug/l	97
56) Ethyl methacrylate	10.508	69	81484	23.629	ug/l	92
57) 1,3-Dichloropropane	10.789	76	98817	23.474	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	159423	123.287	ug/l	94
59) 2-Hexanone	10.831	43	271918	124.083	ug/l	97
60) Dibromochloromethane	10.984	129	71657	23.742	ug/l	100
61) 1,2-Dibromoethane	11.087	107	57321	23.456	ug/l	99
64) Tetrachloroethene	10.721	164	62525	22.036	ug/l	98
65) Chlorobenzene	11.514	112	176772	21.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	70532	23.201	ug/l	97
67) Ethyl Benzene	11.593	91	310064	21.723	ug/l	99
68) m/p-Xylenes	11.703	106	240912	44.398	ug/l	98
69) o-Xylene	12.032	106	112106	21.845	ug/l	96
70) Styrene	12.044	104	194336	22.649	ug/l	99
71) Bromoform	12.209	173	52346	24.583	ug/l #	99
73) Isopropylbenzene	12.331	105	297037	20.393	ug/l	98
74) N-amyl acetate	12.142	43	109500	21.126	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	76536	21.498	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	60630m	23.346	ug/l	
77) Bromobenzene	12.611	156	76868	21.780	ug/l	93
78) n-propylbenzene	12.672	91	368061	20.516	ug/l	97
79) 2-Chlorotoluene	12.758	91	207500	20.712	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	256197	21.551	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	26902	21.189	ug/l	93
82) 4-Chlorotoluene	12.855	91	219196	20.992	ug/l	99
83) tert-Butylbenzene	13.075	119	213608	20.740	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	250425	21.667	ug/l	99
85) sec-Butylbenzene	13.252	105	322431	20.859	ug/l	98
86) p-Isopropyltoluene	13.367	119	267850	21.548	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	147326	21.911	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	147675	21.742	ug/l	99
89) n-Butylbenzene	13.697	91	251910	20.763	ug/l	98
90) Hexachloroethane	13.965	117	52663	20.129	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	132782	21.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15072	23.971	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	82910	22.903	ug/l	97
94) Hexachlorobutadiene	15.111	225	50407	23.926	ug/l	99
95) Naphthalene	15.233	128	176966	22.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	76753	23.788	ug/l	99

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

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