

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019328.D
 Acq On : 28 Aug 2024 14:21
 Operator : SY/MD
 Sample : VY0828SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

Quant Time: Aug 29 01:33:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	97968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	152795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	79194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	48360	49.244	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.480%		
35) Dibromofluoromethane	7.622	113	51219	51.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.540%		
50) Toluene-d8	10.103	98	189014	52.573	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.140%		
62) 4-Bromofluorobenzene	12.408	95	75516	61.614	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	123.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15671	21.802	ug/l	93
3) Chloromethane	2.068	50	22422	17.307	ug/l	96
4) Vinyl Chloride	2.196	62	27341	17.085	ug/l	96
5) Bromomethane	2.580	94	23830	20.954	ug/l	98
6) Chloroethane	2.720	64	18927	17.360	ug/l	90
7) Trichlorofluoromethane	3.043	101	42988	17.767	ug/l	97
8) Diethyl Ether	3.446	74	10337	19.793	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.799	101	22588	21.000	ug/l	97
10) Methyl Iodide	3.988	142	19507	18.502	ug/l	91
11) Tert butyl alcohol	4.842	59	7158	52.852	ug/l	98
12) 1,1-Dichloroethene	3.775	96	20574	21.053	ug/l	94
13) Acrolein	3.635	56	5754	63.296	ug/l	99
14) Allyl chloride	4.366	41	25553	19.667	ug/l	95
15) Acrylonitrile	5.037	53	21863	102.313	ug/l	99
16) Acetone	3.848	43	18906	103.808	ug/l	92
17) Carbon Disulfide	4.092	76	49322	17.894	ug/l	98
18) Methyl Acetate	4.372	43	12103	21.653	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	48593	20.510	ug/l	95
20) Methylene Chloride	4.598	84	27154	17.324	ug/l	98
21) trans-1,2-Dichloroethene	5.098	96	21684	19.861	ug/l	90
22) Diisopropyl ether	6.006	45	59072	19.860	ug/l	89
23) Vinyl Acetate	5.945	43	226601	96.228	ug/l	98
24) 1,1-Dichloroethane	5.896	63	37471	20.600	ug/l	95
25) 2-Butanone	6.884	43	28766	98.075	ug/l	89
26) 2,2-Dichloropropane	6.866	77	31026	21.064	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	26556	20.669	ug/l	99
28) Bromochloromethane	7.232	49	14662	19.216	ug/l	98
29) Tetrahydrofuran	7.250	42	18349	97.319	ug/l	93
30) Chloroform	7.408	83	42513	20.975	ug/l	97
31) Cyclohexane	7.695	56	30986	19.442	ug/l	92
32) 1,1,1-Trichloroethane	7.604	97	38468	21.596	ug/l	99
36) 1,1-Dichloropropene	7.823	75	28128	20.503	ug/l	97
37) Ethyl Acetate	6.969	43	13000	21.388	ug/l #	94
38) Carbon Tetrachloride	7.811	117	35221	22.153	ug/l	99
39) Methylcyclohexane	9.103	83	37499	21.300	ug/l	97
40) Benzene	8.073	78	88872	21.122	ug/l	99

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41) Methacrylonitrile	7.207	41	6241	18.812	ug/l	94
42) 1,2-Dichloroethane	8.152	62	24388	21.464	ug/l	99
43) Isopropyl Acetate	8.189	43	24407	19.855	ug/l #	82
44) Trichloroethene	8.859	130	25557	21.769	ug/l	94
45) 1,2-Dichloropropane	9.140	63	20104	21.445	ug/l	94
46) Dibromomethane	9.225	93	13328	21.920	ug/l	99
47) Bromodichloromethane	9.420	83	32130	21.539	ug/l	99
48) Methyl methacrylate	9.219	41	11199	20.442	ug/l #	92
49) 1,4-Dioxane	9.219	88	3425	465.013	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	65693	100.690	ug/l	94
52) Toluene	10.170	92	60174	21.787	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	26904	21.742	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	32333	21.727	ug/l #	92
55) 1,1,2-Trichloroethane	10.572	97	16689	21.321	ug/l	96
56) Ethyl methacrylate	10.438	69	21602	21.085	ug/l #	86
57) 1,3-Dichloropropane	10.719	76	28182	22.087	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	51267	105.481	ug/l	94
59) 2-Hexanone	10.761	43	47773	106.581	ug/l	91
60) Dibromochloromethane	10.914	129	23193	21.755	ug/l	100
61) 1,2-Dibromoethane	11.011	107	16479	21.782	ug/l	99
64) Tetrachloroethene	10.646	164	28703	23.006	ug/l	94
65) Chlorobenzene	11.444	112	71094	21.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	24589	21.274	ug/l	96
67) Ethyl Benzene	11.517	91	122298	21.438	ug/l	95
68) m/p-Xylenes	11.627	106	103616	45.775	ug/l	98
69) o-Xylene	11.956	106	49887	23.799	ug/l	99
70) Styrene	11.969	104	83991	23.497	ug/l	97
71) Bromoform	12.133	173	14275	21.605	ug/l #	98
73) Isopropylbenzene	12.255	105	130573	21.512	ug/l	98
74) N-amyl acetate	12.072	43	26352	19.910	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	21713	20.093	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	13285m	17.010	ug/l	
77) Bromobenzene	12.536	156	30716	21.071	ug/l	94
78) n-propylbenzene	12.597	91	157237	21.670	ug/l	99
79) 2-Chlorotoluene	12.682	91	83913	20.627	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	104625	21.158	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	6498	20.548	ug/l #	85
82) 4-Chlorotoluene	12.779	91	86847	20.520	ug/l	99
83) tert-Butylbenzene	12.999	119	95785	20.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	105802	21.468	ug/l	100
85) sec-Butylbenzene	13.176	105	142076	21.350	ug/l	98
86) p-Isopropyltoluene	13.292	119	119259	21.819	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	61296	21.322	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	60177	21.058	ug/l	99
89) n-Butylbenzene	13.621	91	110947	22.263	ug/l	98
90) Hexachloroethane	13.877	117	23257	21.587	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	54319	21.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3087	19.419	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	29898	20.968	ug/l	99
94) Hexachlorobutadiene	15.029	225	19320	26.013	ug/l	96
95) Naphthalene	15.151	128	53133	20.879	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	27333	22.728	ug/l	98

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

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