

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018936.D
 Acq On : 08 Aug 2024 18:52
 Operator : SY/MD
 Sample : VY0808SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS01

Quant Time: Aug 09 05:08:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	76185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	119452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	100972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	49797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	30952	46.273	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.540%		
35) Dibromofluoromethane	7.628	113	33320	43.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.340%		
50) Toluene-d8	10.103	98	128241	43.762	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.520%		
62) 4-Bromofluorobenzene	12.408	95	37972	43.676	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	11126	21.246	ug/l	96
3) Chloromethane	2.068	50	27908	20.560	ug/l	95
4) Vinyl Chloride	2.202	62	36745	20.939	ug/l	98
5) Bromomethane	2.580	94	32466	23.188	ug/l	99
6) Chloroethane	2.726	64	25143	21.306	ug/l	100
7) Trichlorofluoromethane	3.043	101	50865	21.748	ug/l	93
8) Diethyl Ether	3.446	74	7784	21.590	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.805	101	14562	19.929	ug/l	93
10) Methyl Iodide	3.994	142	14421	18.277	ug/l	98
11) Tert butyl alcohol	4.836	59	9343	137.656	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	13950	20.208	ug/l	87
13) Acrolein	3.641	56	7745	107.731	ug/l	93
14) Allyl chloride	4.372	41	18927	20.500	ug/l	87
15) Acrylonitrile	5.043	53	14951	105.779	ug/l	95
16) Acetone	3.860	43	13092	85.545	ug/l	88
17) Carbon Disulfide	4.092	76	39833	19.411	ug/l	96
18) Methyl Acetate	4.372	43	7547	20.300	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	34363	20.238	ug/l #	90
20) Methylene Chloride	4.610	84	21286	24.214	ug/l #	95
21) trans-1,2-Dichloroethene	5.098	96	14930	19.547	ug/l	92
22) Diisopropyl ether	6.006	45	40890	20.316	ug/l #	87
23) Vinyl Acetate	5.945	43	172516	99.320	ug/l	96
24) 1,1-Dichloroethane	5.909	63	24782	20.071	ug/l	96
25) 2-Butanone	6.878	43	20180	93.177	ug/l	95
26) 2,2-Dichloropropane	6.872	77	21735	18.703	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	18087	19.792	ug/l	97
28) Bromochloromethane	7.232	49	12195	21.453	ug/l	90
29) Tetrahydrofuran	7.250	42	14166	110.928	ug/l #	90
30) Chloroform	7.408	83	27475	20.802	ug/l	96
31) Cyclohexane	7.689	56	22337	19.012	ug/l #	93
32) 1,1,1-Trichloroethane	7.610	97	24405	20.442	ug/l	96
36) 1,1-Dichloropropene	7.823	75	19679	19.216	ug/l	99
37) Ethyl Acetate	6.976	43	9930	21.214	ug/l	96
38) Carbon Tetrachloride	7.805	117	22104	18.824	ug/l	98
39) Methylcyclohexane	9.103	83	25093	18.203	ug/l	95
40) Benzene	8.073	78	60703	19.936	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	3926	17.453	ug/l #	68
42) 1,2-Dichloroethane	8.152	62	15468	20.405	ug/l	84
43) Isopropyl Acetate	8.195	43	19698	20.692	ug/l #	79
44) Trichloroethene	8.859	130	15650	18.031	ug/l	93
45) 1,2-Dichloropropane	9.140	63	12860	18.875	ug/l	89
46) Dibromomethane	9.225	93	8660	19.671	ug/l	97
47) Bromodichloromethane	9.414	83	20228	19.635	ug/l #	93
48) Methyl methacrylate	9.213	41	8043	19.340	ug/l #	76
49) 1,4-Dioxane	9.213	88	1969	378.570	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	50072	101.988	ug/l #	86
52) Toluene	10.170	92	38333	18.952	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	16955	18.455	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	20860	19.115	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	11230	20.772	ug/l	94
56) Ethyl methacrylate	10.438	69	14287	19.517	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	17996	20.217	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.707	63	37907	100.448	ug/l	98
59) 2-Hexanone	10.762	43	33926	96.331	ug/l	84
60) Dibromochloromethane	10.914	129	13649	18.831	ug/l	99
61) 1,2-Dibromoethane	11.018	107	9985	19.127	ug/l	97
64) Tetrachloroethene	10.646	164	17053	20.147	ug/l	96
65) Chlorobenzene	11.444	112	42335	19.096	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	14473	18.664	ug/l	97
67) Ethyl Benzene	11.517	91	72124	18.791	ug/l	100
68) m/p-Xylenes	11.627	106	59311	37.684	ug/l	95
69) o-Xylene	11.956	106	27576	18.984	ug/l	94
70) Styrene	11.969	104	45957	19.208	ug/l	98
71) Bromoform	12.139	173	7777	19.286	ug/l #	95
73) Isopropylbenzene	12.255	105	71039	19.653	ug/l	100
74) N-amyl acetate	12.072	43	16966	20.340	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	11965	20.512	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	7668m	20.670	ug/l	
77) Bromobenzene	12.536	156	16216	19.258	ug/l	96
78) n-propylbenzene	12.597	91	83982	19.630	ug/l	97
79) 2-Chlorotoluene	12.682	91	43022	19.424	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	54033	19.075	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	3520	19.552	ug/l #	82
82) 4-Chlorotoluene	12.779	91	43863	19.343	ug/l	90
83) tert-Butylbenzene	12.999	119	51965	19.422	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	54612	19.005	ug/l	99
85) sec-Butylbenzene	13.176	105	74870	19.319	ug/l	99
86) p-Isopropyltoluene	13.292	119	62966	18.763	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	33432	19.436	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	32388	19.308	ug/l	99
89) n-Butylbenzene	13.621	91	57978	19.683	ug/l	95
90) Hexachloroethane	13.883	117	11730	18.524	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	28361	20.054	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1583	19.728	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	15122	19.419	ug/l	98
94) Hexachlorobutadiene	15.023	225	8495	19.891	ug/l	96
95) Naphthalene	15.151	128	27315	19.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	13477	20.163	ug/l	95

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

