

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018937.D
 Acq On : 08 Aug 2024 19:39
 Operator : SY/MD
 Sample : VY0808SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS01

Quant Time: Aug 09 07:33:14 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	80108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	126149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	108420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	34171	48.584	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.160%		
35) Dibromofluoromethane	7.622	113	36247	44.988	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.980%		
50) Toluene-d8	10.103	98	137425	44.406	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.820%		
62) 4-Bromofluorobenzene	12.408	95	39485	43.005	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	11621	21.105	ug/l	91
3) Chloromethane	2.068	50	27909	19.429	ug/l	100
4) Vinyl Chloride	2.202	62	38191	20.697	ug/l	97
5) Bromomethane	2.580	94	32607	22.148	ug/l	98
6) Chloroethane	2.726	64	25707	20.717	ug/l	98
7) Trichlorofluoromethane	3.043	101	50548	20.554	ug/l	94
8) Diethyl Ether	3.452	74	7327	19.327	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.799	101	15663	20.386	ug/l	93
10) Methyl Iodide	3.994	142	16628	20.042	ug/l	97
11) Tert butyl alcohol	4.836	59	9392	128.715	ug/l #	94
12) 1,1-Dichloroethene	3.781	96	14899	20.526	ug/l	96
13) Acrolein	3.647	56	7805	103.116	ug/l	100
14) Allyl chloride	4.372	41	19236	19.815	ug/l #	88
15) Acrylonitrile	5.049	53	14932	100.471	ug/l	97
16) Acetone	3.854	43	12479	78.614	ug/l	98
17) Carbon Disulfide	4.092	76	41696	19.324	ug/l	97
18) Methyl Acetate	4.366	43	8478	21.687	ug/l #	68
19) Methyl tert-butyl Ether	5.104	73	35197	19.714	ug/l	92
20) Methylene Chloride	4.604	84	23797	26.182	ug/l	88
21) trans-1,2-Dichloroethene	5.098	96	16276	20.266	ug/l	98
22) Diisopropyl ether	6.006	45	43466	20.539	ug/l #	85
23) Vinyl Acetate	5.951	43	176329	96.544	ug/l	98
24) 1,1-Dichloroethane	5.903	63	25841	19.904	ug/l	98
25) 2-Butanone	6.884	43	21040	92.391	ug/l	95
26) 2,2-Dichloropropane	6.878	77	21862	17.891	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	18770	19.533	ug/l	98
28) Bromochloromethane	7.238	49	12675	21.206	ug/l	85
29) Tetrahydrofuran	7.250	42	13241	98.607	ug/l	94
30) Chloroform	7.408	83	27106	19.518	ug/l	99
31) Cyclohexane	7.689	56	24253	19.765	ug/l	96
32) 1,1,1-Trichloroethane	7.604	97	24949	19.874	ug/l	97
36) 1,1-Dichloropropene	7.829	75	20073	18.560	ug/l	100
37) Ethyl Acetate	6.976	43	9835	19.895	ug/l #	94
38) Carbon Tetrachloride	7.805	117	23021	18.564	ug/l	95
39) Methylcyclohexane	9.103	83	26596	18.269	ug/l	95
40) Benzene	8.073	78	63382	19.710	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	3980m	16.661	ug/l	
42) 1,2-Dichloroethane	8.152	62	15564	19.442	ug/l	100
43) Isopropyl Acetate	8.189	43	19853	19.748	ug/l #	73
44) Trichloroethene	8.859	130	17239	18.807	ug/l	91
45) 1,2-Dichloropropane	9.140	63	13775	19.144	ug/l	96
46) Dibromomethane	9.225	93	9172	19.728	ug/l	96
47) Bromodichloromethane	9.420	83	20401	18.751	ug/l	96
48) Methyl methacrylate	9.219	41	7823	17.812	ug/l #	77
49) 1,4-Dioxane	9.219	88	2110	384.142	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	48455	93.455	ug/l	89
52) Toluene	10.170	92	40173	18.807	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	18421	18.986	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	21429	18.594	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	10729	18.792	ug/l	99
56) Ethyl methacrylate	10.438	69	14343	18.554	ug/l #	68
57) 1,3-Dichloropropane	10.719	76	18316	19.484	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	34696	87.058	ug/l	94
59) 2-Hexanone	10.762	43	32575	87.584	ug/l	89
60) Dibromochloromethane	10.914	129	14498	18.940	ug/l	95
61) 1,2-Dibromoethane	11.018	107	10481	19.012	ug/l	99
64) Tetrachloroethene	10.646	164	17753	19.533	ug/l	96
65) Chlorobenzene	11.444	112	44275	18.599	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	14359	17.245	ug/l	98
67) Ethyl Benzene	11.517	91	74515	18.080	ug/l	98
68) m/p-Xylenes	11.627	106	61724	36.523	ug/l	91
69) o-Xylene	11.956	106	28784	18.454	ug/l	94
70) Styrene	11.969	104	48608	18.920	ug/l	97
71) Bromoform	12.133	173	8165	18.857	ug/l #	100
73) Isopropylbenzene	12.255	105	73318	18.772	ug/l	99
74) N-amyl acetate	12.072	43	17171	19.052	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	12492	19.819	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	7028m	17.532	ug/l	
77) Bromobenzene	12.536	156	17426	19.152	ug/l	89
78) n-propylbenzene	12.597	91	86764	18.769	ug/l	99
79) 2-Chlorotoluene	12.682	91	45325	18.939	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	57199	18.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	3497	17.976	ug/l #	83
82) 4-Chlorotoluene	12.779	91	46982	19.174	ug/l	95
83) tert-Butylbenzene	12.999	119	53531	18.516	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	56906	18.327	ug/l	97
85) sec-Butylbenzene	13.176	105	78005	18.627	ug/l	97
86) p-Isopropyltoluene	13.292	119	64494	17.786	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	34863	18.757	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	33221	18.328	ug/l	95
89) n-Butylbenzene	13.621	91	57687	18.124	ug/l	97
90) Hexachloroethane	13.883	117	12356	18.058	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	29159	19.081	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1502	17.323	ug/l	86
93) 1,2,4-Trichlorobenzene	14.925	180	16333	19.411	ug/l	99
94) Hexachlorobutadiene	15.023	225	8265	17.910	ug/l	92
95) Naphthalene	15.145	128	28443	18.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	14210	19.675	ug/l	98

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

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