

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018379.D
 Acq On : 28 May 2024 14:31
 Operator : SY/MD
 Sample : VY0528SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

Quant Time: May 29 01:17:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	128711	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	235216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68257	55.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.940%			
35) Dibromofluoromethane	7.710	113	72933	53.171	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.340%			
50) Toluene-d8	10.179	98	305601	57.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.280%			
62) 4-Bromofluorobenzene	12.477	95	91348	55.280	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	21118	19.223	ug/l	98
3) Chloromethane	2.107	50	34267	19.194	ug/l	94
4) Vinyl Chloride	2.241	62	42405	21.232	ug/l	96
5) Bromomethane	2.631	94	28527	19.978	ug/l	99
6) Chloroethane	2.778	64	27990	21.590	ug/l	100
7) Trichlorofluoromethane	3.107	101	46078	20.558	ug/l	99
8) Diethyl Ether	3.521	74	13651	19.074	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	27885	20.166	ug/l	95
10) Methyl Iodide	4.076	142	23992	17.253	ug/l	93
11) Tert butyl alcohol	4.930	59	11592	71.935	ug/l #	94
12) 1,1-Dichloroethene	3.850	96	26208	19.244	ug/l	97
13) Acrolein	3.722	56	10945	99.597	ug/l	97
14) Allyl chloride	4.460	41	39371	20.699	ug/l	93
15) Acrylonitrile	5.143	53	27626	89.245	ug/l	97
16) Acetone	3.936	43	21738	86.672	ug/l #	85
17) Carbon Disulfide	4.180	76	67396	17.722	ug/l #	94
18) Methyl Acetate	4.472	43	12937	19.461	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	61171	18.732	ug/l #	87
20) Methylene Chloride	4.698	84	41478	26.441	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	28685	19.966	ug/l	97
22) Diisopropyl ether	6.106	45	83907	21.229	ug/l	95
23) Vinyl Acetate	6.045	43	244651	96.666	ug/l	94
24) 1,1-Dichloroethane	6.003	63	51462	21.230	ug/l	97
25) 2-Butanone	6.972	43	35335	88.904	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	42890	20.468	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	33550	19.873	ug/l	95
28) Bromochloromethane	7.319	49	17216	20.912	ug/l	88
29) Tetrahydrofuran	7.338	42	24676	94.325	ug/l	87
30) Chloroform	7.496	83	50514	20.445	ug/l	98
31) Cyclohexane	7.777	56	47434	20.614	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	45525	20.993	ug/l	97
36) 1,1-Dichloropropene	7.911	75	39059	19.635	ug/l	97
37) Ethyl Acetate	7.063	43	15770	16.572	ug/l	98
38) Carbon Tetrachloride	7.892	117	37154	18.236	ug/l	96
39) Methylcyclohexane	9.179	83	50343	18.142	ug/l	95
40) Benzene	8.155	78	119233	19.662	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	7868	16.564	ug/l #	87
42) 1,2-Dichloroethane	8.234	62	26736	18.329	ug/l	97
43) Isopropyl Acetate	8.264	43	32026	17.249	ug/l	93
44) Trichloroethene	8.935	130	29355	18.886	ug/l	97
45) 1,2-Dichloropropane	9.209	63	26817	19.662	ug/l	93
46) Dibromomethane	9.301	93	14247	17.802	ug/l	91
47) Bromodichloromethane	9.490	83	35887	18.477	ug/l	98
48) Methyl methacrylate	9.289	41	14276	16.998	ug/l	91
49) 1,4-Dioxane	9.295	88	3590	345.742	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	82427	87.966	ug/l	94
52) Toluene	10.240	92	73275	19.276	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	32724	18.429	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	41225	18.947	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	19692	18.573	ug/l	97
56) Ethyl methacrylate	10.508	69	27569	18.957	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	32978	18.351	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	59201	90.090	ug/l	98
59) 2-Hexanone	10.831	43	56824	88.131	ug/l	90
60) Dibromochloromethane	10.983	129	22222	17.352	ug/l	96
61) 1,2-Dibromoethane	11.087	107	16999	17.376	ug/l	95
64) Tetrachloroethene	10.715	164	25555	17.894	ug/l	97
65) Chlorobenzene	11.514	112	78901	18.972	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	24571	18.676	ug/l	99
67) Ethyl Benzene	11.587	91	139646	19.120	ug/l	100
68) m/p-Xylenes	11.703	106	105165	37.423	ug/l	96
69) o-Xylene	12.026	106	50261	18.952	ug/l	97
70) Styrene	12.044	104	84322	19.235	ug/l	98
71) Bromoform	12.203	173	11452	16.457	ug/l #	96
73) Isopropylbenzene	12.325	105	133004	20.041	ug/l	100
74) N-amyl acetate	12.142	43	29863	19.287	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	21287	18.824	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	14231m	18.752	ug/l	
77) Bromobenzene	12.605	156	27012	18.583	ug/l	92
78) n-propylbenzene	12.666	91	161638	20.341	ug/l	99
79) 2-Chlorotoluene	12.751	91	88215	20.505	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	105843	20.295	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	6534	17.715	ug/l	91
82) 4-Chlorotoluene	12.849	91	89080	20.422	ug/l	97
83) tert-Butylbenzene	13.074	119	96910	20.103	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	103254	20.132	ug/l	97
85) sec-Butylbenzene	13.251	105	146044	20.484	ug/l	98
86) p-Isopropyltoluene	13.367	119	115393	19.787	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	55175	19.277	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	52858	18.555	ug/l	96
89) n-Butylbenzene	13.696	91	109755	20.027	ug/l	99
90) Hexachloroethane	13.958	117	21554	20.014	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	46423	18.692	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3085	19.890	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	22458	15.875	ug/l	95
94) Hexachlorobutadiene	15.111	225	12345	17.052	ug/l	96
95) Naphthalene	15.233	128	43598	15.672	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	19749	16.420	ug/l	97

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

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