

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018992.D
 Acq On : 12 Aug 2024 11:08
 Operator : SY/MD
 Sample : VY0812SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 13 01:11:15 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

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	65000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	99004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	43045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	28239	49.482	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.960%		
35) Dibromofluoromethane	7.628	113	32108	50.778	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.560%		
50) Toluene-d8	10.103	98	119625	49.253	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.408	95	34604	48.023	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	9079	20.321	ug/l	90
3) Chloromethane	2.068	50	22730	19.511	ug/l	92
4) Vinyl Chloride	2.202	62	29253	19.538	ug/l	98
5) Bromomethane	2.586	94	24848	20.801	ug/l	99
6) Chloroethane	2.726	64	20445	20.306	ug/l	95
7) Trichlorofluoromethane	3.043	101	40491	20.291	ug/l	100
8) Diethyl Ether	3.452	74	5948	19.336	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	12643	20.280	ug/l	90
10) Methyl Iodide	4.000	142	13163	19.554	ug/l	91
11) Tert butyl alcohol	4.842	59	6096	89.936	ug/l	98
12) 1,1-Dichloroethene	3.781	96	12104	20.551	ug/l	98
13) Acrolein	3.641	56	5489	88.979	ug/l	99
14) Allyl chloride	4.378	41	15225	19.328	ug/l #	84
15) Acrylonitrile	5.043	53	11827	98.075	ug/l	97
16) Acetone	3.866	43	10431	80.639	ug/l #	80
17) Carbon Disulfide	4.098	76	33152	18.935	ug/l #	90
18) Methyl Acetate	4.378	43	5890	18.569	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	27310	18.852	ug/l	97
20) Methylene Chloride	4.604	84	14758	18.432	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	13528	20.759	ug/l	94
22) Diisopropyl ether	6.012	45	34100	19.858	ug/l #	89
23) Vinyl Acetate	5.945	43	141112	95.220	ug/l	97
24) 1,1-Dichloroethane	5.909	63	20748	19.695	ug/l	97
25) 2-Butanone	6.884	43	16103	87.147	ug/l	91
26) 2,2-Dichloropropane	6.878	77	18569	18.728	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	15801	20.266	ug/l	97
28) Bromochloromethane	7.226	49	9101	18.765	ug/l	98
29) Tetrahydrofuran	7.250	42	10381	95.277	ug/l	90
30) Chloroform	7.415	83	23974	21.275	ug/l	98
31) Cyclohexane	7.695	56	18899	18.820	ug/l	91
32) 1,1,1-Trichloroethane	7.604	97	20383	20.011	ug/l #	89
36) 1,1-Dichloropropene	7.829	75	17115	20.164	ug/l	97
37) Ethyl Acetate	6.976	43	7964	20.528	ug/l	96
38) Carbon Tetrachloride	7.805	117	19271	19.801	ug/l	91
39) Methylcyclohexane	9.103	83	21298	18.641	ug/l	96
40) Benzene	8.073	78	50246	19.910	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	3373	18.176	ug/l #	68
42) 1,2-Dichloroethane	8.152	62	12541	19.961	ug/l	98
43) Isopropyl Acetate	8.189	43	14824	18.788	ug/l	90
44) Trichloroethene	8.859	130	14520	20.184	ug/l	88
45) 1,2-Dichloropropane	9.134	63	10410	18.434	ug/l	89
46) Dibromomethane	9.225	93	7520	20.610	ug/l	96
47) Bromodichloromethane	9.414	83	17375	20.349	ug/l	90
48) Methyl methacrylate	9.219	41	6479	18.797	ug/l #	79
49) 1,4-Dioxane	9.225	88	1601	371.391	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	38274	94.058	ug/l #	83
52) Toluene	10.170	92	34066	20.321	ug/l	94
53) t-1,3-Dichloropropene	10.396	75	14091	18.506	ug/l	96
54) cis-1,3-Dichloropropene	9.847	75	16935	18.723	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	9133	20.382	ug/l	97
56) Ethyl methacrylate	10.438	69	10666	17.580	ug/l #	68
57) 1,3-Dichloropropane	10.713	76	15017	20.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	27201	86.965	ug/l	96
59) 2-Hexanone	10.761	43	26324	90.183	ug/l	85
60) Dibromochloromethane	10.908	129	12281	20.443	ug/l	98
61) 1,2-Dibromoethane	11.011	107	7978	18.439	ug/l	93
64) Tetrachloroethene	10.646	164	14538	20.332	ug/l	94
65) Chlorobenzene	11.444	112	37685	20.123	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	12751	19.466	ug/l	95
67) Ethyl Benzene	11.517	91	62045	19.136	ug/l	97
68) m/p-Xylenes	11.633	106	51005	38.363	ug/l	93
69) o-Xylene	11.956	106	23507	19.157	ug/l	92
70) Styrene	11.969	104	40129	19.855	ug/l	95
71) Bromoform	12.133	173	6685	19.625	ug/l #	97
73) Isopropylbenzene	12.255	105	59019	18.889	ug/l	97
74) N-amyl acetate	12.072	43	13368	18.541	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.511	83	9382	18.607	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	7126m	22.222	ug/l	
77) Bromobenzene	12.536	156	14423	19.815	ug/l	88
78) n-propylbenzene	12.597	91	71012	19.202	ug/l	97
79) 2-Chlorotoluene	12.682	91	37443	19.557	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	46494	18.988	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	2823	18.140	ug/l #	88
82) 4-Chlorotoluene	12.779	91	38091	19.433	ug/l	94
83) tert-Butylbenzene	12.999	119	44542	19.259	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	48197	19.403	ug/l	98
85) sec-Butylbenzene	13.176	105	64787	19.339	ug/l	99
86) p-Isopropyltoluene	13.292	119	55838	19.249	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	29497	19.839	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	28488	19.647	ug/l	99
89) n-Butylbenzene	13.621	91	48103	18.892	ug/l	97
90) Hexachloroethane	13.883	117	10839	19.802	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	24858	20.334	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1319	19.016	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	14382	21.366	ug/l	97
94) Hexachlorobutadiene	15.029	225	8012	21.703	ug/l	98
95) Naphthalene	15.145	128	21689	18.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	11340	19.627	ug/l	98

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

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