

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020294.D
 Acq On : 13 Nov 2024 19:32
 Operator : SY/MD
 Sample : VY1113SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS02

Quant Time: Nov 14 01:02:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	238729	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	371931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	329120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	186078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	181888	61.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.100%	
35) Dibromofluoromethane	7.640	113	136828	57.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.720%	
50) Toluene-d8	10.109	98	590314	62.714	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 125.420%	
62) 4-Bromofluorobenzene	12.407	95	222220	72.684	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 145.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36922	16.708	ug/l	95
3) Chloromethane	2.068	50	66344	18.125	ug/l	99
4) Vinyl Chloride	2.208	62	72358	18.414	ug/l	94
5) Bromomethane	2.598	94	45371	17.391	ug/l	97
6) Chloroethane	2.738	64	48461	19.109	ug/l	98
7) Trichlorofluoromethane	3.062	101	110376	22.993	ug/l	91
8) Diethyl Ether	3.458	74	24756	18.490	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.811	101	48071	17.853	ug/l	91
10) Methyl Iodide	4.007	142	42265	16.259	ug/l	# 89
11) Tert butyl alcohol	4.872	59	21250	99.152	ug/l	# 91
12) 1,1-Dichloroethene	3.793	96	42587	16.531	ug/l	87
13) Acrolein	3.659	56	14891	55.815	ug/l	94
14) Allyl chloride	4.391	41	79145	17.028	ug/l	# 90
15) Acrylonitrile	5.067	53	60862	99.861	ug/l	99
16) Acetone	3.872	43	62845	90.699	ug/l	# 79
17) Carbon Disulfide	4.110	76	118042	13.769	ug/l	99
18) Methyl Acetate	4.384	43	30993	19.064	ug/l	# 87
19) Methyl tert-butyl Ether	5.128	73	120266	18.556	ug/l	99
20) Methylene Chloride	4.628	84	51529	16.555	ug/l	# 86
21) trans-1,2-Dichloroethene	5.116	96	48356	16.644	ug/l	85
22) Diisopropyl ether	6.031	45	235599	24.426	ug/l	# 90
23) Vinyl Acetate	5.970	43	652738	120.252	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	136390	24.421	ug/l	96
25) 2-Butanone	6.902	43	98778	105.167	ug/l	# 78
26) 2,2-Dichloropropane	6.890	77	91061	19.596	ug/l	96
27) cis-1,2-Dichloroethene	6.902	96	68206	20.422	ug/l	84
28) Bromochloromethane	7.250	49	51043	19.518	ug/l	# 74
29) Tetrahydrofuran	7.268	42	66242	122.208	ug/l	# 83
30) Chloroform	7.427	83	110038	19.855	ug/l	98
31) Cyclohexane	7.707	56	107149	19.817	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	96332	19.909	ug/l	94
36) 1,1-Dichloropropene	7.841	75	94809	25.954	ug/l	93
37) Ethyl Acetate	6.994	43	40774	23.412	ug/l	98
38) Carbon Tetrachloride	7.823	117	102843	27.997	ug/l	99
39) Methylcyclohexane	9.115	83	106091	22.883	ug/l	# 89
40) Benzene	8.085	78	283549	26.593	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	27004	30.953	ug/l #	83
42) 1,2-Dichloroethane	8.164	62	84075	28.487	ug/l	92
43) Isopropyl Acetate	8.201	43	94086	28.093	ug/l #	78
44) Trichloroethene	8.871	130	57881	23.422	ug/l	92
45) 1,2-Dichloropropane	9.146	63	68485	26.846	ug/l	99
46) Dibromomethane	9.237	93	36882	26.683	ug/l	92
47) Bromodichloromethane	9.426	83	95931	26.492	ug/l	98
48) Methyl methacrylate	9.225	41	43427	27.994	ug/l #	81
49) 1,4-Dioxane	9.237	88	7558	531.099	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	246340	142.751	ug/l	90
52) Toluene	10.170	92	154322	23.480	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	73144	22.875	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	104116	27.280	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	51636	30.045	ug/l	98
56) Ethyl methacrylate	10.438	69	61804	25.070	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	87710	27.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	143926	118.380	ug/l	93
59) 2-Hexanone	10.761	43	171236	138.409	ug/l	87
60) Dibromochloromethane	10.914	129	59459	27.141	ug/l	100
61) 1,2-Dibromoethane	11.017	107	37614	23.557	ug/l	100
64) Tetrachloroethene	10.646	164	63659	29.294	ug/l	91
65) Chlorobenzene	11.438	112	160179	22.841	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	56275	25.117	ug/l	97
67) Ethyl Benzene	11.517	91	301896	23.030	ug/l	99
68) m/p-Xylenes	11.627	106	267219	55.715	ug/l	93
69) o-Xylene	11.956	106	125653	27.672	ug/l	93
70) Styrene	11.968	104	210497	28.037	ug/l	95
71) Bromoform	12.133	173	37112	32.287	ug/l #	94
73) Isopropylbenzene	12.255	105	339116	22.813	ug/l	97
74) N-amyl acetate	12.072	43	83128	22.371	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	57832	22.246	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	47579m	27.277	ug/l	
77) Bromobenzene	12.535	156	70640	23.498	ug/l	84
78) n-propylbenzene	12.596	91	408726	22.093	ug/l	96
79) 2-Chlorotoluene	12.682	91	230532	22.449	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	267915	22.450	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	18899	23.305	ug/l #	82
82) 4-Chlorotoluene	12.779	91	236325	22.570	ug/l	95
83) tert-Butylbenzene	12.999	119	242031	23.193	ug/l	94
84) 1,2,4-Trimethylbenzene	13.041	105	267162	22.602	ug/l	96
85) sec-Butylbenzene	13.176	105	357137	22.293	ug/l	98
86) p-Isopropyltoluene	13.291	119	289862	22.548	ug/l	95
87) 1,3-Dichlorobenzene	13.291	146	138378	22.658	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	135796	22.328	ug/l	96
89) n-Butylbenzene	13.621	91	271439	21.063	ug/l	98
90) Hexachloroethane	13.883	117	56766	22.328	ug/l	89
91) 1,2-Dichlorobenzene	13.663	146	119558	22.522	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8003	20.299	ug/l	82
93) 1,2,4-Trichlorobenzene	14.925	180	57247	20.075	ug/l	97
94) Hexachlorobutadiene	15.029	225	32986	21.153	ug/l	97
95) Naphthalene	15.145	128	107398	20.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	47803	19.748	ug/l	95

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

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