

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020279.D
 Acq On : 13 Nov 2024 13:05
 Operator : SY/MD
 Sample : VY1113SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

Quant Time: Nov 14 00:56:24 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	218197	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	392171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	331704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	195618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	136434	50.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.200%
35) Dibromofluoromethane	7.640	113	130338	52.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.540%
50) Toluene-d8	10.109	98	478586	48.220	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.408	95	156168	48.443	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.880%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	36942	18.290	ug/l	95
3) Chloromethane	2.074	50	72195	21.579	ug/l	99
4) Vinyl Chloride	2.208	62	79887	22.242	ug/l	99
5) Bromomethane	2.599	94	47384	19.871	ug/l	93
6) Chloroethane	2.745	64	53115	22.915	ug/l	96
7) Trichlorofluoromethane	3.068	101	122152	27.840	ug/l	100
8) Diethyl Ether	3.458	74	37392	30.555	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.824	101	73286	29.779	ug/l	93
10) Methyl Iodide	4.013	142	71225	29.977	ug/l	90
11) Tert butyl alcohol	4.860	59	30036	153.336	ug/l	99
12) 1,1-Dichloroethene	3.800	96	68067	28.908	ug/l	85
13) Acrolein	3.659	56	25801	105.809	ug/l	100
14) Allyl chloride	4.391	41	124916	29.405	ug/l	# 90
15) Acrylonitrile	5.068	53	79194	142.167	ug/l	98
16) Acetone	3.873	43	95552	150.879	ug/l	# 83
17) Carbon Disulfide	4.110	76	183591	23.429	ug/l	99
18) Methyl Acetate	4.403	43	44699	30.082	ug/l	# 88
19) Methyl tert-butyl Ether	5.129	73	171561	28.961	ug/l	95
20) Methylene Chloride	4.629	84	75790	26.640	ug/l	# 82
21) trans-1,2-Dichloroethene	5.129	96	69495	26.170	ug/l	89
22) Diisopropyl ether	6.025	45	197309	22.381	ug/l	# 87
23) Vinyl Acetate	5.970	43	506685	102.128	ug/l	# 90
24) 1,1-Dichloroethane	5.921	63	105178	20.604	ug/l	95
25) 2-Butanone	6.903	43	91502	106.587	ug/l	# 88
26) 2,2-Dichloropropane	6.890	77	93720	22.066	ug/l	94
27) cis-1,2-Dichloroethene	6.903	96	68353	22.392	ug/l	85
28) Bromochloromethane	7.250	49	48522	20.300	ug/l	# 70
29) Tetrahydrofuran	7.268	42	51858	104.674	ug/l	# 85
30) Chloroform	7.427	83	114644	22.632	ug/l	93
31) Cyclohexane	7.707	56	96140	19.454	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	100223	22.662	ug/l	95
36) 1,1-Dichloropropene	7.841	75	85166	22.111	ug/l	95
37) Ethyl Acetate	7.000	43	39897	21.726	ug/l	96
38) Carbon Tetrachloride	7.823	117	92863	23.975	ug/l	99
39) Methylcyclohexane	9.116	83	90504	18.514	ug/l	89
40) Benzene	8.085	78	239847	21.334	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	21108	22.946	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	67714	21.759	ug/l	97
43) Isopropyl Acetate	8.201	43	77959	22.076	ug/l #	77
44) Trichloroethene	8.872	130	56970	21.864	ug/l	87
45) 1,2-Dichloropropane	9.146	63	56231	20.905	ug/l	99
46) Dibromomethane	9.238	93	30522	20.942	ug/l	89
47) Bromodichloromethane	9.427	83	85272	22.333	ug/l	97
48) Methyl methacrylate	9.225	41	34616	21.163	ug/l #	83
49) 1,4-Dioxane	9.231	88	6042	402.658	ug/l #	83
51) 4-Methyl-2-Pentanone	10.000	43	188381	103.530	ug/l	89
52) Toluene	10.176	92	143425	20.696	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	85808	25.450	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	83282	20.695	ug/l #	84
55) 1,1,2-Trichloroethane	10.579	97	38615	21.309	ug/l	98
56) Ethyl methacrylate	10.445	69	60994	23.464	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	69294	20.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	123271	96.158	ug/l	92
59) 2-Hexanone	10.762	43	129668	99.401	ug/l	87
60) Dibromochloromethane	10.914	129	66025	28.583	ug/l	99
61) 1,2-Dibromoethane	11.018	107	43740	25.980	ug/l	100
64) Tetrachloroethene	10.646	164	49944	22.804	ug/l	95
65) Chlorobenzene	11.444	112	148638	21.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	48614	21.529	ug/l	97
67) Ethyl Benzene	11.524	91	274149	20.750	ug/l	99
68) m/p-Xylenes	11.633	106	210210	43.487	ug/l	93
69) o-Xylene	11.957	106	123141	26.907	ug/l	91
70) Styrene	11.975	104	202850	26.808	ug/l	96
71) Bromoform	12.133	173	28688	24.764	ug/l #	98
73) Isopropylbenzene	12.255	105	261908	16.760	ug/l	98
74) N-amyl acetate	12.072	43	69973	17.913	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	46320	16.948	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	36056m	19.663	ug/l	
77) Bromobenzene	12.536	156	54099	17.118	ug/l	83
78) n-propylbenzene	12.597	91	333043	17.124	ug/l	98
79) 2-Chlorotoluene	12.682	91	182385	16.894	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	211899	16.890	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	13053	15.311	ug/l #	79
82) 4-Chlorotoluene	12.780	91	185826	16.882	ug/l	95
83) tert-Butylbenzene	12.999	119	197844	18.034	ug/l	93
84) 1,2,4-Trimethylbenzene	13.048	105	270749	21.788	ug/l	96
85) sec-Butylbenzene	13.176	105	376240	22.340	ug/l	97
86) p-Isopropyltoluene	13.292	119	295255	21.847	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	141122	21.980	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	138722	21.697	ug/l	95
89) n-Butylbenzene	13.621	91	278230	20.537	ug/l	99
90) Hexachloroethane	13.883	117	54874	20.531	ug/l	91
91) 1,2-Dichlorobenzene	13.664	146	119742	21.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6903	16.655	ug/l	73
93) 1,2,4-Trichlorobenzene	14.926	180	45546	15.193	ug/l	97
94) Hexachlorobutadiene	15.023	225	29057	17.725	ug/l	98
95) Naphthalene	15.145	128	80926	14.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	36746	14.440	ug/l	96

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

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