

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021133.D
 Acq On : 07 Feb 2025 11:36
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Quant Time: Feb 08 02:37:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	168157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	227375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	111644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97547	56.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.640	113	92440	54.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.880%
50) Toluene-d8	10.109	98	352498	54.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.408	95	118594	56.150	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	30884	20.606	ug/l	100
3) Chloromethane	2.074	50	29889	20.210	ug/l	96
4) Vinyl Chloride	2.208	62	30192	20.282	ug/l	100
5) Bromomethane	2.592	94	18980	20.629	ug/l	97
6) Chloroethane	2.739	64	19127	21.585	ug/l	93
7) Trichlorofluoromethane	3.062	101	58127	21.434	ug/l	98
8) Diethyl Ether	3.458	74	19265	22.755	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	37825	22.223	ug/l	96
10) Methyl Iodide	4.007	142	38612	20.419	ug/l	94
11) Tert butyl alcohol	4.866	59	15053	128.930	ug/l #	89
12) 1,1-Dichloroethene	3.799	96	33707	21.023	ug/l	94
13) Acrolein	3.659	56	20593	114.541	ug/l	99
14) Allyl chloride	4.391	41	60551	22.408	ug/l	96
15) Acrylonitrile	5.061	53	42714	121.159	ug/l	98
16) Acetone	3.873	43	33163	123.428	ug/l	98
17) Carbon Disulfide	4.110	76	89871	17.875	ug/l	98
18) Methyl Acetate	4.385	43	22803	24.176	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	97051	23.948	ug/l	97
20) Methylene Chloride	4.622	84	38226	22.886	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	37738	21.383	ug/l	90
22) Diisopropyl ether	6.025	45	133301	23.933	ug/l	98
23) Vinyl Acetate	5.964	43	372364	119.926	ug/l	99
24) 1,1-Dichloroethane	5.921	63	74378	22.792	ug/l	96
25) 2-Butanone	6.903	43	55514	125.734	ug/l	99
26) 2,2-Dichloropropane	6.890	77	66916	22.162	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	46143	22.714	ug/l	96
28) Bromochloromethane	7.250	49	30481	23.622	ug/l	98
29) Tetrahydrofuran	7.268	42	37455	125.368	ug/l	95
30) Chloroform	7.421	83	77645	23.165	ug/l	100
31) Cyclohexane	7.701	56	61998	21.098	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	69623	22.341	ug/l	99
36) 1,1-Dichloropropene	7.835	75	53949	21.448	ug/l	99
37) Ethyl Acetate	6.988	43	26542	24.054	ug/l	99
38) Carbon Tetrachloride	7.823	117	63256	21.523	ug/l	99
39) Methylcyclohexane	9.109	83	64474	20.956	ug/l	95
40) Benzene	8.079	78	161958	21.941	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	14094	22.078	ug/l #	94
42) 1,2-Dichloroethane	8.165	62	46951	22.930	ug/l	99
43) Isopropyl Acetate	8.201	43	51749	23.602	ug/l #	87
44) Trichloroethene	8.866	130	40564	21.270	ug/l	98
45) 1,2-Dichloropropane	9.146	63	39719	22.671	ug/l	99
46) Dibromomethane	9.231	93	22462	23.156	ug/l	96
47) Bromodichloromethane	9.426	83	60268	23.166	ug/l	94
48) Methyl methacrylate	9.225	41	23439	23.469	ug/l	95
49) 1,4-Dioxane	9.231	88	4692	519.582	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	135632	123.016	ug/l	98
52) Toluene	10.176	92	103458	22.322	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	52828	22.615	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	63303	22.887	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	29784	23.711	ug/l	98
56) Ethyl methacrylate	10.445	69	40284	23.972	ug/l	93
57) 1,3-Dichloropropane	10.719	76	51321	23.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	87475	109.418	ug/l	99
59) 2-Hexanone	10.762	43	88700	124.948	ug/l	97
60) Dibromochloromethane	10.914	129	40091	22.727	ug/l	99
61) 1,2-Dibromoethane	11.018	107	27368	23.260	ug/l	98
64) Tetrachloroethene	10.652	164	36180	21.435	ug/l	97
65) Chlorobenzene	11.444	112	112712	22.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	40066	22.269	ug/l	97
67) Ethyl Benzene	11.524	91	199131	22.237	ug/l	100
68) m/p-Xylenes	11.633	106	149607	44.658	ug/l	96
69) o-Xylene	11.957	106	71094	22.762	ug/l	97
70) Styrene	11.975	104	120889	23.223	ug/l	98
71) Bromoform	12.133	173	24015	23.980	ug/l #	98
73) Isopropylbenzene	12.255	105	193580	22.197	ug/l	100
74) N-amyl acetate	12.072	43	46724	24.506	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	33683	23.223	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	22149m	21.870	ug/l	
77) Bromobenzene	12.536	156	44844	22.283	ug/l	95
78) n-propylbenzene	12.597	91	232850	22.414	ug/l	98
79) 2-Chlorotoluene	12.682	91	132212	22.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	159685	22.584	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11629	23.430	ug/l	94
82) 4-Chlorotoluene	12.780	91	139549	23.019	ug/l	98
83) tert-Butylbenzene	12.999	119	141391	22.000	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	158368	22.907	ug/l	99
85) sec-Butylbenzene	13.176	105	209149	22.607	ug/l	99
86) p-Isopropyltoluene	13.292	119	175264	22.806	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	88081	22.667	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	87146	22.777	ug/l	99
89) n-Butylbenzene	13.621	91	161016	22.967	ug/l	99
90) Hexachloroethane	13.883	117	35164	21.934	ug/l	86
91) 1,2-Dichlorobenzene	13.664	146	77257	22.906	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5410	24.960	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	43900	23.384	ug/l	99
94) Hexachlorobutadiene	15.029	225	29146	23.428	ug/l	99
95) Naphthalene	15.145	128	74286	24.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	37525	24.019	ug/l	97

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

