

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017135.D
 Acq On : 30 Jan 2024 11:03
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Quant Time: Jan 31 00:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	115559	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	195169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	60301	53.558	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.120%			
35) Dibromofluoromethane	7.740	113	62672	53.205	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.420%			
50) Toluene-d8	10.197	98	241155	54.204	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.400%			
62) 4-Bromofluorobenzene	12.489	95	73708	53.780	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	23280	25.037	ug/l	95
3) Chloromethane	2.131	50	32496	19.370	ug/l	98
4) Vinyl Chloride	2.265	62	39190	20.771	ug/l	99
5) Bromomethane	2.668	94	28785	20.980	ug/l	91
6) Chloroethane	2.814	64	26526	22.141	ug/l	98
7) Trichlorofluoromethane	3.143	101	45355	21.857	ug/l	97
8) Diethyl Ether	3.552	74	13841	20.788	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.930	101	28879	22.343	ug/l	99
10) Methyl Iodide	4.119	142	23813	19.392	ug/l	97
11) Tert butyl alcohol	4.972	59	11073	128.675	ug/l #	83
12) 1,1-Dichloroethene	3.893	96	24934	21.074	ug/l	98
13) Acrolein	3.753	56	13387	99.141	ug/l	97
14) Allyl chloride	4.509	41	36539	20.431	ug/l	98
15) Acrylonitrile	5.192	53	33034	114.319	ug/l	98
16) Acetone	3.966	43	47960	142.794	ug/l	96
17) Carbon Disulfide	4.222	76	60230	16.890	ug/l	100
18) Methyl Acetate	4.503	43	25092	21.725	ug/l	96
19) Methyl tert-butyl Ether	5.253	73	62576	21.673	ug/l	97
20) Methylene Chloride	4.747	84	32442	22.582	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	28787	21.034	ug/l	89
22) Diisopropyl ether	6.143	45	90203	22.850	ug/l	96
23) Vinyl Acetate	6.088	43	213002	111.235	ug/l	97
24) 1,1-Dichloroethane	6.045	63	52904	21.972	ug/l	98
25) 2-Butanone	7.009	43	57053	127.489	ug/l	98
26) 2,2-Dichloropropane	7.002	77	44528	21.652	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	33328	21.975	ug/l	99
28) Bromochloromethane	7.356	49	20566	21.455	ug/l	99
29) Tetrahydrofuran	7.374	42	25080	109.853	ug/l	99
30) Chloroform	7.533	83	54691	22.307	ug/l	98
31) Cyclohexane	7.807	56	44042	20.172	ug/l	97
32) 1,1,1-Trichloroethane	7.722	97	47280	22.489	ug/l	98
36) 1,1-Dichloropropene	7.935	75	40894	21.100	ug/l	100
37) Ethyl Acetate	7.094	43	19388	23.265	ug/l	98
38) Carbon Tetrachloride	7.923	117	39838	20.976	ug/l	93
39) Methylcyclohexane	9.203	83	45605	19.564	ug/l	99
40) Benzene	8.179	78	120431	21.397	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9522	21.365	ug/l	90
42) 1,2-Dichloroethane	8.258	62	31919	21.874	ug/l	99
43) Isopropyl Acetate	8.295	43	34109	21.925	ug/l	99
44) Trichloroethene	8.959	130	31037	21.500	ug/l	91
45) 1,2-Dichloropropane	9.234	63	31405	22.733	ug/l	99
46) Dibromomethane	9.325	93	15886	21.653	ug/l	100
47) Bromodichloromethane	9.514	83	41108	22.024	ug/l	96
48) Methyl methacrylate	9.307	41	19023	22.023	ug/l	99
49) 1,4-Dioxane	9.319	88	3243	449.435	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	95434	115.319	ug/l	97
52) Toluene	10.258	92	74196	21.780	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	36845	21.609	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	45626	21.757	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	22888	22.321	ug/l	96
56) Ethyl methacrylate	10.526	69	19713	21.984	ug/l	99
57) 1,3-Dichloropropane	10.807	76	39160	22.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	70457	113.195	ug/l	99
59) 2-Hexanone	10.843	43	79391	125.747	ug/l	99
60) Dibromochloromethane	10.996	129	26345	22.114	ug/l	100
61) 1,2-Dibromoethane	11.105	107	19768	21.222	ug/l	98
64) Tetrachloroethene	10.733	164	24909	21.212	ug/l	97
65) Chlorobenzene	11.526	112	78084	21.872	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	28732	22.033	ug/l	99
67) Ethyl Benzene	11.605	91	139998	21.571	ug/l	99
68) m/p-Xylenes	11.715	106	107526	44.096	ug/l	98
69) o-Xylene	12.044	106	47593	21.486	ug/l	99
70) Styrene	12.056	104	72160	22.440	ug/l	99
71) Bromoform	12.221	173	14176	21.679	ug/l #	96
73) Isopropylbenzene	12.343	105	131461	21.164	ug/l	100
74) N-amyl acetate	12.154	43	26662	21.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	25831	21.808	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	17521m	19.104	ug/l	
77) Bromobenzene	12.623	156	29281	21.786	ug/l	96
78) n-propylbenzene	12.684	91	164686	22.043	ug/l	100
79) 2-Chlorotoluene	12.770	91	89973	21.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	107896	21.948	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	7260	20.493	ug/l	99
82) 4-Chlorotoluene	12.867	91	92855	21.853	ug/l	100
83) tert-Butylbenzene	13.087	119	93000	21.871	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	106254	21.746	ug/l	99
85) sec-Butylbenzene	13.264	105	140150	22.259	ug/l	99
86) p-Isopropyltoluene	13.379	119	114479	21.827	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	57137	21.532	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	56171	21.514	ug/l	99
89) n-Butylbenzene	13.709	91	111605	22.061	ug/l	100
90) Hexachloroethane	13.971	117	24344	22.270	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	48588	21.441	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3167	20.935	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	24830	20.967	ug/l	97
94) Hexachlorobutadiene	15.123	225	15090	21.172	ug/l	99
95) Naphthalene	15.245	128	40644	19.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19935	20.234	ug/l	98

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

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