

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017354.D
 Acq On : 12 Feb 2024 15:33
 Operator : SY/MD
 Sample : VY0212SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS02

Quant Time: Feb 14 08:42:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 13 18:32:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	101133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46748	51.743	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.480%			
35) Dibromofluoromethane	7.722	113	48116	52.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.440%			
50) Toluene-d8	10.185	98	176823	52.706	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.420%			
62) 4-Bromofluorobenzene	12.489	95	57298	52.137	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	17148	22.367	ug/l	98
3) Chloromethane	2.113	50	35592	25.843	ug/l	94
4) Vinyl Chloride	2.247	62	40920	24.381	ug/l	98
5) Bromomethane	2.650	94	25638	22.037	ug/l	96
6) Chloroethane	2.790	64	26608	24.553	ug/l	100
7) Trichlorofluoromethane	3.125	101	44464	25.764	ug/l	96
8) Diethyl Ether	3.534	74	13266	24.437	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	25291	24.174	ug/l	99
10) Methyl Iodide	4.095	142	21068	19.155	ug/l	100
11) Tert butyl alcohol	4.997	59	8646	97.048	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	21957	22.398	ug/l	98
13) Acrolein	3.741	56	8254	100.158	ug/l	94
14) Allyl chloride	4.485	41	34121	23.024	ug/l	97
15) Acrylonitrile	5.180	53	28713	117.473	ug/l	100
16) Acetone	3.967	43	33403	125.793	ug/l	97
17) Carbon Disulfide	4.198	76	50694	16.200	ug/l	99
18) Methyl Acetate	4.491	43	12079	20.391	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	58503	24.780	ug/l	99
20) Methylene Chloride	4.723	84	29488	23.611	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	24721	22.167	ug/l	97
22) Diisopropyl ether	6.125	45	82706	25.413	ug/l	96
23) Vinyl Acetate	6.070	43	244725	124.102	ug/l	99
24) 1,1-Dichloroethane	6.027	63	49100	24.628	ug/l	99
25) 2-Butanone	6.997	43	43591	123.487	ug/l	96
26) 2,2-Dichloropropane	6.984	77	41575	25.071	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	29861	23.941	ug/l	99
28) Bromochloromethane	7.338	49	19243	25.208	ug/l	97
29) Tetrahydrofuran	7.356	42	22545	113.059	ug/l	99
30) Chloroform	7.515	83	51227	25.542	ug/l	100
31) Cyclohexane	7.789	56	37849	20.784	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	42838	24.832	ug/l	100
36) 1,1-Dichloropropene	7.923	75	36660	23.065	ug/l	98
37) Ethyl Acetate	7.082	43	17072	23.158	ug/l	99
38) Carbon Tetrachloride	7.905	117	36122	23.736	ug/l	97
39) Methylcyclohexane	9.191	83	39278	21.153	ug/l	98
40) Benzene	8.167	78	106970	23.567	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	8470	24.250	ug/l #	89
42) 1,2-Dichloroethane	8.246	62	29258	24.346	ug/l	100
43) Isopropyl Acetate	8.283	43	32053	24.562	ug/l	100
44) Trichloroethene	8.947	130	27338	23.727	ug/l	100
45) 1,2-Dichloropropane	9.222	63	28273	25.360	ug/l	98
46) Dibromomethane	9.313	93	14584	24.217	ug/l	96
47) Bromodichloromethane	9.502	83	37451	24.849	ug/l	94
48) Methyl methacrylate	9.301	41	13863	22.648	ug/l	92
49) 1,4-Dioxane	9.319	88	3240	494.281	ug/l #	86
51) 4-Methyl-2-Pentanone	10.075	43	87804	125.519	ug/l	100
52) Toluene	10.252	92	66065	24.114	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	34072	24.067	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	41398	24.414	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	20527	25.052	ug/l	96
56) Ethyl methacrylate	10.514	69	24600	24.679	ug/l	98
57) 1,3-Dichloropropane	10.795	76	34808	24.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	55431	108.591	ug/l	99
59) 2-Hexanone	10.837	43	65586	129.660	ug/l	99
60) Dibromochloromethane	10.990	129	23921	24.886	ug/l	99
61) 1,2-Dibromoethane	11.093	107	18318	24.038	ug/l	97
64) Tetrachloroethene	10.728	164	22927	23.503	ug/l	97
65) Chlorobenzene	11.520	112	70084	24.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	25926	24.621	ug/l	98
67) Ethyl Benzene	11.599	91	126873	24.228	ug/l	100
68) m/p-Xylenes	11.709	106	94857	47.732	ug/l	100
69) o-Xylene	12.038	106	45158	24.675	ug/l	99
70) Styrene	12.050	104	74790	24.803	ug/l	99
71) Bromoform	12.215	173	13499	24.479	ug/l #	99
73) Isopropylbenzene	12.337	105	119757	24.505	ug/l	99
74) N-amyl acetate	12.148	43	28763	26.193	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	23717	24.674	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	13234m	21.554	ug/l	
77) Bromobenzene	12.611	156	25661	23.672	ug/l	96
78) n-propylbenzene	12.678	91	152053	25.333	ug/l	99
79) 2-Chlorotoluene	12.764	91	83052	25.168	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	97441	25.070	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	7145	24.179	ug/l	98
82) 4-Chlorotoluene	12.861	91	86774	25.550	ug/l	100
83) tert-Butylbenzene	13.081	119	84208	25.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	95306	24.842	ug/l	97
85) sec-Butylbenzene	13.258	105	133217	25.583	ug/l	100
86) p-Isopropyltoluene	13.373	119	104517	25.118	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	52545	24.298	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	52735	25.100	ug/l	99
89) n-Butylbenzene	13.703	91	102404	25.884	ug/l	98
90) Hexachloroethane	13.965	117	21383	25.032	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	46365	25.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3147	25.135	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	23432	25.625	ug/l	99
94) Hexachlorobutadiene	15.117	225	13761	25.551	ug/l	98
95) Naphthalene	15.239	128	42446	25.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19527	25.108	ug/l	96

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

