

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012579.D
 Acq On : 14 Feb 2023 11:13
 Operator : KP/MD
 Sample : VY0214SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBS01

Quant Time: Feb 15 04:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77520	51.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.040%	
35) Dibromofluoromethane	7.716	113	66372	52.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.260%	
50) Toluene-d8	10.179	98	276112	52.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.483	95	93620	51.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	19025	20.684	ug/l	97
3) Chloromethane	2.113	50	16160	17.528	ug/l	92
4) Vinyl Chloride	2.253	62	21922	19.085	ug/l	100
5) Bromomethane	2.644	94	19079	21.085	ug/l	97
6) Chloroethane	2.790	64	16156	20.207	ug/l	97
7) Trichlorofluoromethane	3.125	101	50075	21.210	ug/l	94
8) Diethyl Ether	3.528	74	13336	19.049	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	24020	20.147	ug/l	96
10) Methyl Iodide	4.088	142	28827	18.651	ug/l	97
11) Tert butyl alcohol	4.948	59	11338	71.573	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	22857	19.403	ug/l	95
13) Acrolein	3.729	56	14109	79.759	ug/l	94
14) Allyl chloride	4.473	41	25130	17.496	ug/l	92
15) Acrylonitrile	5.161	53	29068	89.998	ug/l	99
16) Acetone	3.942	43	30811	85.075	ug/l	97
17) Carbon Disulfide	4.192	76	52853	17.298	ug/l	97
18) Methyl Acetate	4.473	43	14882	17.096	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	67385	19.549	ug/l	98
20) Methylene Chloride	4.716	84	29517	19.221	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	25298	19.691	ug/l	94
22) Diisopropyl ether	6.119	45	56638	19.393	ug/l	97
23) Vinyl Acetate	6.058	43	160155	90.965	ug/l	100
24) 1,1-Dichloroethane	6.015	63	40961	19.619	ug/l	95
25) 2-Butanone	6.984	43	33530	83.445	ug/l	99
26) 2,2-Dichloropropane	6.984	77	46315	20.191	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	30215	20.266	ug/l	98
28) Bromochloromethane	7.332	49	14218	18.734	ug/l	94
29) Tetrahydrofuran	7.344	42	18532	85.309	ug/l	92
30) Chloroform	7.502	83	51058	20.284	ug/l	94
31) Cyclohexane	7.783	56	32180	18.497	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	52037	21.303	ug/l	100
36) 1,1-Dichloropropene	7.917	75	33533	19.647	ug/l	98
37) Ethyl Acetate	7.070	43	13624	17.691	ug/l	100
38) Carbon Tetrachloride	7.899	117	49696	21.691	ug/l	96
39) Methylcyclohexane	9.185	83	39897	19.427	ug/l	98
40) Benzene	8.161	78	101788	20.192	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6152m	14.581	ug/l	
42) 1,2-Dichloroethane	8.234	62	34507	21.119	ug/l	99
43) Isopropyl Acetate	8.271	43	26499	18.558	ug/l #	89
44) Trichloroethene	8.935	130	31870	20.769	ug/l	97
45) 1,2-Dichloropropane	9.216	63	21112	19.314	ug/l	100
46) Dibromomethane	9.301	93	14598	20.170	ug/l	99
47) Bromodichloromethane	9.496	83	38715	20.630	ug/l	98
48) Methyl methacrylate	9.289	41	11924	18.269	ug/l	96
49) 1,4-Dioxane	9.301	88	3838	384.136	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	70044	90.920	ug/l	99
52) Toluene	10.246	92	71346	20.871	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	38953	20.599	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	41507	20.283	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	21423	20.257	ug/l	94
56) Ethyl methacrylate	10.508	69	25445	19.151	ug/l	98
57) 1,3-Dichloropropane	10.788	76	34454	20.186	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	59843	100.204	ug/l	94
59) 2-Hexanone	10.831	43	52018	89.348	ug/l	98
60) Dibromochloromethane	10.984	129	29484	20.915	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20005	20.189	ug/l	99
64) Tetrachloroethene	10.721	164	36328	21.746	ug/l	98
65) Chlorobenzene	11.514	112	79294	20.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	31812	21.390	ug/l	98
67) Ethyl Benzene	11.593	91	139031	20.866	ug/l	98
68) m/p-Xylenes	11.703	106	112368	42.251	ug/l	99
69) o-Xylene	12.026	106	53468	21.110	ug/l	100
70) Styrene	12.044	104	91771	21.364	ug/l	99
71) Bromoform	12.209	173	19474	20.716	ug/l #	98
73) Isopropylbenzene	12.331	105	147273	20.274	ug/l	98
74) N-amyl acetate	12.142	43	22861	17.386	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	21915	18.658	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	19134m	19.075	ug/l	
77) Bromobenzene	12.611	156	35375	20.092	ug/l	94
78) n-propylbenzene	12.672	91	169343	20.254	ug/l	99
79) 2-Chlorotoluene	12.758	91	95165	20.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	130369	20.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	7862	17.675	ug/l	96
82) 4-Chlorotoluene	12.855	91	100242	20.134	ug/l	99
83) tert-Butylbenzene	13.075	119	113153	20.635	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	127283	20.687	ug/l	99
85) sec-Butylbenzene	13.251	105	161461	20.582	ug/l	99
86) p-Isopropyltoluene	13.367	119	142493	20.938	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	71794	20.494	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	71279	20.313	ug/l	98
89) n-Butylbenzene	13.696	91	118838	20.432	ug/l	99
90) Hexachloroethane	13.959	117	24946	19.970	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	62946	19.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4294	18.371	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	39508	20.233	ug/l	99
94) Hexachlorobutadiene	15.111	225	25923	21.371	ug/l	100
95) Naphthalene	15.233	128	72174	19.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	34510	20.418	ug/l	99

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

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