

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007340.D
 Acq On : 31 Jan 2022 16:04
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Feb 01 01:52:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79310	52.297	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.600%			
35) Dibromofluoromethane	7.722	113	73805	52.235	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.480%			
50) Toluene-d8	10.185	98	256323	49.648	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.483	95	94678	51.554	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	9046	20.873	ug/l	94
3) Chloromethane	2.119	50	17768	19.551	ug/l	98
4) Vinyl Chloride	2.259	62	25443	19.235	ug/l	99
5) Bromomethane	2.656	94	17408	20.325	ug/l	100
6) Chloroethane	2.796	64	17619	21.349	ug/l	96
7) Trichlorofluoromethane	3.131	101	33207	23.295	ug/l	97
8) Diethyl Ether	3.534	74	17707	22.557	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	28454	20.487	ug/l	98
10) Methyl Iodide	4.094	142	39262	19.113	ug/l	96
11) Tert butyl alcohol	4.954	59	17216	130.845	ug/l	99
12) 1,1-Dichloroethene	3.881	96	27161	19.421	ug/l	98
13) Acrolein	3.735	56	4696	144.274	ug/l	94
14) Allyl chloride	4.478	41	45808	20.427	ug/l	96
15) Acrylonitrile	5.173	53	47328	125.450	ug/l	99
16) Acetone	3.954	43	43676	110.972	ug/l	100
17) Carbon Disulfide	4.198	76	61063	15.722	ug/l	99
18) Methyl Acetate	4.478	43	42557	30.389	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	62752	22.791	ug/l	100
20) Methylene Chloride	4.722	84	32586	20.022	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	29114	19.202	ug/l	94
22) Diisopropyl ether	6.125	45	100040	22.021	ug/l	97
23) Vinyl Acetate	6.064	43	272204	101.884	ug/l	98
24) 1,1-Dichloroethane	6.027	63	57887	20.946	ug/l	99
25) 2-Butanone	6.990	43	61813	121.474	ug/l	96
26) 2,2-Dichloropropane	6.984	77	42353	21.029	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	35706	20.760	ug/l	96
28) Bromochloromethane	7.338	49	16630	16.636	ug/l	92
29) Tetrahydrofuran	7.350	42	40037	122.398	ug/l	99
30) Chloroform	7.515	83	61877	21.549	ug/l	99
31) Cyclohexane	7.789	56	48475	18.907	ug/l #	95
32) 1,1,1-Trichloroethane	7.710	97	52589	21.427	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44692	19.805	ug/l	99
37) Ethyl Acetate	7.076	43	27961	24.144	ug/l	97
38) Carbon Tetrachloride	7.905	117	48898	20.601	ug/l	95
39) Methylcyclohexane	9.191	83	52059	18.894	ug/l	96
40) Benzene	8.167	78	123868	20.578	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	12206m	18.302	ug/l	
42) 1,2-Dichloroethane	8.240	62	41350	21.814	ug/l	98
43) Isopropyl Acetate	8.277	43	52953	23.499	ug/l	97
44) Trichloroethene	8.947	130	33084	20.311	ug/l	99
45) 1,2-Dichloropropane	9.222	63	32738	21.387	ug/l	93
46) Dibromomethane	9.313	93	19508	21.551	ug/l	98
47) Bromodichloromethane	9.502	83	47886	21.519	ug/l	95
48) Methyl methacrylate	9.295	41	22603	22.053	ug/l	97
49) 1,4-Dioxane	9.301	88	4730	484.626	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	140730	123.168	ug/l	96
52) Toluene	10.246	92	77557	20.327	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	50387	21.450	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	54643	20.781	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	27001	21.991	ug/l	96
56) Ethyl methacrylate	10.514	69	36996	21.388	ug/l	91
57) 1,3-Dichloropropane	10.794	76	47518	22.203	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	94573	120.239	ug/l	98
59) 2-Hexanone	10.837	43	96409	124.331	ug/l	96
60) Dibromochloromethane	10.990	129	32318	21.412	ug/l	98
61) 1,2-Dibromoethane	11.093	107	26463	21.938	ug/l	99
64) Tetrachloroethene	10.721	164	27230	20.383	ug/l	94
65) Chlorobenzene	11.520	112	84766	20.917	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	31822	21.183	ug/l	98
67) Ethyl Benzene	11.599	91	157595	20.691	ug/l	100
68) m/p-Xylenes	11.703	106	115396	40.769	ug/l	98
69) o-Xylene	12.032	106	55637	20.873	ug/l	99
70) Styrene	12.050	104	96276	21.411	ug/l	99
71) Bromoform	12.209	173	19190	22.085	ug/l #	99
73) Isopropylbenzene	12.331	105	150276	19.993	ug/l	100
74) N-amyl acetate	12.148	43	45019	22.397	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	33184	22.703	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	23148m	23.327	ug/l	
77) Bromobenzene	12.611	156	33151	20.269	ug/l	96
78) n-propylbenzene	12.672	91	188633	20.244	ug/l	99
79) 2-Chlorotoluene	12.757	91	104393	20.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	125418	20.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	11858	21.876	ug/l #	100
82) 4-Chlorotoluene	12.855	91	108425	20.063	ug/l	99
83) tert-Butylbenzene	13.081	119	111799	20.964	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	122846	20.081	ug/l	99
85) sec-Butylbenzene	13.257	105	163534	20.498	ug/l	99
86) p-Isopropyltoluene	13.373	119	133297	20.331	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	65578	20.485	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	65184	20.249	ug/l	99
89) n-Butylbenzene	13.696	91	133193	20.632	ug/l	99
90) Hexachloroethane	13.965	117	26811	20.917	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	58993	20.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5566	22.049	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	35002	20.207	ug/l	98
94) Hexachlorobutadiene	15.117	225	18764	21.019	ug/l	97
95) Naphthalene	15.239	128	78438	21.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30196	20.433	ug/l	100

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

