

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005483.D
 Acq On : 28 Jul 2021 12:47
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2021 4:12:21 PM

Quant Time: Jul 29 05:30:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	263773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	385796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	356741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	152357	54.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.140%	
35) Dibromofluoromethane	7.728	113	120511	54.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.185	98	514170	54.459	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.483	95	169750	54.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58891	24.662	ug/l	95
3) Chloromethane	2.119	50	71469	24.415	ug/l	99
4) Vinyl Chloride	2.260	62	82838	23.766	ug/l	100
5) Bromomethane	2.644	94	52958	20.790	ug/l	96
6) Chloroethane	2.796	64	44552	20.346	ug/l	94
7) Trichlorofluoromethane	3.125	101	94709	20.778	ug/l	97
8) Diethyl Ether	3.540	74	32124	20.020	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.900	101	50352	20.325	ug/l	100
10) Methyl Iodide	4.095	142	55493	19.738	ug/l	97
11) Tert butyl alcohol	4.972	59	30601	114.953	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	51450	20.402	ug/l	94
13) Acrolein	3.741	56	23194	95.147	ug/l	97
14) Allyl chloride	4.485	41	89152	19.754	ug/l	99
15) Acrylonitrile	5.174	53	83433	104.701	ug/l	99
16) Acetone	3.960	43	73552	114.292	ug/l	97
17) Carbon Disulfide	4.198	76	164075	19.675	ug/l	98
18) Methyl Acetate	4.485	43	38358	21.205	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	154194	20.264	ug/l	99
20) Methylene Chloride	4.729	84	73251	19.224	ug/l	95
21) trans-1,2-Dichloroethene	5.229	96	55529	19.599	ug/l	95
22) Diisopropyl ether	6.131	45	186374	21.277	ug/l	97
23) Vinyl Acetate	6.070	43	619073	107.449	ug/l	99
24) 1,1-Dichloroethane	6.027	63	100141	20.741	ug/l	99
25) 2-Butanone	6.997	43	111885	116.096	ug/l	97
26) 2,2-Dichloropropane	6.990	77	92263	21.014	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	63373	20.910	ug/l	99
28) Bromochloromethane	7.338	49	44438	22.863	ug/l	99
29) Tetrahydrofuran	7.356	42	73802	115.640	ug/l	99
30) Chloroform	7.515	83	102390	21.436	ug/l	97
31) Cyclohexane	7.789	56	101965	21.191	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	95623	21.623	ug/l	99
36) 1,1-Dichloropropene	7.923	75	80285	21.523	ug/l	100
37) Ethyl Acetate	7.082	43	48978	21.569	ug/l	96
38) Carbon Tetrachloride	7.905	117	88528	21.718	ug/l	97
39) Methylcyclohexane	9.185	83	101428	21.205	ug/l	98
40) Benzene	8.167	78	229917	21.448	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	26921	22.624	ug/l	95
42) 1,2-Dichloroethane	8.240	62	75821	21.864	ug/l	100
43) Isopropyl Acetate	8.283	43	92938	22.601	ug/l	100
44) Trichloroethene	8.947	130	62957	21.655	ug/l	97
45) 1,2-Dichloropropane	9.222	63	57113	21.638	ug/l	97
46) Dibromomethane	9.307	93	31779	21.874	ug/l	98
47) Bromodichloromethane	9.502	83	79259	21.704	ug/l	99
48) Methyl methacrylate	9.301	41	41245	21.568	ug/l	98
49) 1,4-Dioxane	9.313	88	9920	484.066	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	248735	113.940	ug/l	100
52) Toluene	10.246	92	144339	21.203	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	87993	21.540	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	96526	21.495	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	46661	22.379	ug/l	100
56) Ethyl methacrylate	10.514	69	68746	21.836	ug/l	98
57) 1,3-Dichloropropane	10.795	76	80954	21.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	154703	102.748	ug/l	100
59) 2-Hexanone	10.837	43	177345	115.907	ug/l	100
60) Dibromochloromethane	10.990	129	56031	22.004	ug/l	100
61) 1,2-Dibromoethane	11.093	107	43204	21.891	ug/l	100
64) Tetrachloroethene	10.721	164	58645	21.761	ug/l	98
65) Chlorobenzene	11.520	112	157659	21.578	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	56887	20.846	ug/l	98
67) Ethyl Benzene	11.593	91	281846	21.189	ug/l	100
68) m/p-Xylenes	11.703	106	220032	42.601	ug/l	100
69) o-Xylene	12.032	106	104447	21.256	ug/l	99
70) Styrene	12.044	104	178383	21.380	ug/l	99
71) Bromoform	12.209	173	38258	21.936	ug/l	99
73) Isopropylbenzene	12.331	105	274887	21.255	ug/l	99
74) N-amyl acetate	12.148	43	86270	21.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	54206	21.953	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	39641m	21.482	ug/l	
77) Bromobenzene	12.611	156	67486	21.309	ug/l	99
78) n-propylbenzene	12.672	91	335660	21.512	ug/l	100
79) 2-Chlorotoluene	12.758	91	184869	21.094	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	232061	21.483	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20841	21.930	ug/l	97
82) 4-Chlorotoluene	12.855	91	194014	21.388	ug/l	99
83) tert-Butylbenzene	13.075	119	208927	21.714	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	230332	21.259	ug/l	99
85) sec-Butylbenzene	13.258	105	300931	21.684	ug/l	100
86) p-Isopropyltoluene	13.373	119	256760	21.488	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133059	21.422	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	133764	21.735	ug/l	100
89) n-Butylbenzene	13.697	91	235790	21.498	ug/l	99
90) Hexachloroethane	13.965	117	46575	21.684	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	121415	21.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10834	22.626	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	82867	21.654	ug/l	100
94) Hexachlorobutadiene	15.117	225	52559	21.670	ug/l	99
95) Naphthalene	15.239	128	169875	22.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	75201	21.801	ug/l	100

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

