

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005459.D
 Acq On : 26 Jul 2021 20:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 7/27/2021 1:56:11 PM

Quant Time: Jul 27 03:13:57 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	7.801	168	241174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	366574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	347083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145565	56.496	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.000%			
35) Dibromofluoromethane	7.728	113	115003	54.333	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.660%			
50) Toluene-d8	10.185	98	479372	53.435	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.483	95	160708	54.278	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	104823	48.011	ug/l	100
3) Chloromethane	2.119	50	139875	52.262	ug/l	98
4) Vinyl Chloride	2.259	62	166368	52.202	ug/l	99
5) Bromomethane	2.656	94	122388	52.548	ug/l	100
6) Chloroethane	2.802	64	111143	55.512	ug/l	99
7) Trichlorofluoromethane	3.131	101	227687	54.632	ug/l	97
8) Diethyl Ether	3.540	74	87289	59.496	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	124975	55.175	ug/l	99
10) Methyl Iodide	4.101	142	149509	58.160	ug/l	97
11) Tert butyl alcohol	4.985	59	71374	293.240	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	132124	57.301	ug/l	100
13) Acrolein	3.741	56	67028	300.730	ug/l	99
14) Allyl chloride	4.491	41	242747	58.828	ug/l	98
15) Acrylonitrile	5.180	53	224320	307.881	ug/l	100
16) Acetone	3.960	43	167730	285.057	ug/l	98
17) Carbon Disulfide	4.204	76	427462	56.063	ug/l	100
18) Methyl Acetate	4.491	43	102302	61.854	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	427433	61.436	ug/l	97
20) Methylene Chloride	4.728	84	170353	55.059	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	151007	58.293	ug/l	98
22) Diisopropyl ether	6.131	45	445698	55.650	ug/l	97
23) Vinyl Acetate	6.076	43	1486965	282.268	ug/l	100
24) 1,1-Dichloroethane	6.033	63	239836	54.328	ug/l	98
25) 2-Butanone	7.002	43	247592	280.984	ug/l	98
26) 2,2-Dichloropropane	6.990	77	202559	50.459	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	152750	55.123	ug/l	99
28) Bromochloromethane	7.344	49	93850	52.810	ug/l	99
29) Tetrahydrofuran	7.362	42	172531	295.670	ug/l	98
30) Chloroform	7.515	83	245236	56.153	ug/l	98
31) Cyclohexane	7.795	56	219532	49.900	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	223536	55.283	ug/l	99
36) 1,1-Dichloropropene	7.923	75	187301	52.844	ug/l	100
37) Ethyl Acetate	7.088	43	116255	53.882	ug/l	98
38) Carbon Tetrachloride	7.905	117	205001	52.928	ug/l	98
39) Methylcyclohexane	9.185	83	231217	50.873	ug/l	98
40) Benzene	8.167	78	553726	54.363	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	61289m	54.207	ug/l	
42) 1,2-Dichloroethane	8.246	62	182248	55.310	ug/l	99
43) Isopropyl Acetate	8.283	43	222957	57.063	ug/l	99
44) Trichloroethene	8.947	130	145962	52.839	ug/l	99
45) 1,2-Dichloropropane	9.222	63	135166	53.894	ug/l	99
46) Dibromomethane	9.313	93	77031	55.802	ug/l	97
47) Bromodichloromethane	9.502	83	193739	55.835	ug/l	99
48) Methyl methacrylate	9.301	41	102541	56.433	ug/l	97
49) 1,4-Dioxane	9.307	88	21420	1100.040	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	596779	287.706	ug/l	100
52) Toluene	10.246	92	351832	54.394	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	213532	55.011	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	231487	54.253	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	109733	55.389	ug/l	100
56) Ethyl methacrylate	10.514	69	170979	57.157	ug/l	99
57) 1,3-Dichloropropane	10.794	76	196949	55.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	405831	283.672	ug/l	100
59) 2-Hexanone	10.837	43	420228	289.048	ug/l	100
60) Dibromochloromethane	10.990	129	136794	56.537	ug/l	100
61) 1,2-Dibromoethane	11.093	107	104255	55.595	ug/l	99
64) Tetrachloroethene	10.721	164	136698	52.134	ug/l	98
65) Chlorobenzene	11.520	112	378238	53.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	142205	53.560	ug/l	100
67) Ethyl Benzene	11.593	91	681728	52.678	ug/l	100
68) m/p-Xylenes	11.703	106	527242	104.921	ug/l	100
69) o-Xylene	12.032	106	255536	53.452	ug/l	99
70) Styrene	12.044	104	439666	54.161	ug/l	100
71) Bromoform	12.209	173	94048	55.424	ug/l #	100
73) Isopropylbenzene	12.331	105	657232	53.017	ug/l	99
74) N-amyl acetate	12.148	43	211663	56.080	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	129152	54.567	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	96851m	54.753	ug/l	
77) Bromobenzene	12.611	156	165240	54.431	ug/l	99
78) n-propylbenzene	12.672	91	785163	52.497	ug/l	99
79) 2-Chlorotoluene	12.758	91	444797	52.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	554895	53.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	48379	53.107	ug/l	99
82) 4-Chlorotoluene	12.855	91	460412	52.950	ug/l	100
83) tert-Butylbenzene	13.075	119	490901	53.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	549501	52.910	ug/l	100
85) sec-Butylbenzene	13.257	105	701365	52.723	ug/l	100
86) p-Isopropyltoluene	13.373	119	600645	52.440	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	317093	53.259	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	313252	53.099	ug/l	99
89) n-Butylbenzene	13.696	91	542395	51.590	ug/l	99
90) Hexachloroethane	13.965	117	109887	53.372	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	285778	53.751	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25037	54.549	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	192908	52.587	ug/l	99
94) Hexachlorobutadiene	15.117	225	121309	52.178	ug/l	99
95) Naphthalene	15.239	128	406103	55.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	176631	53.419	ug/l	99

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

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