

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005903.D
 Acq On : 31 Aug 2021 11:03
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:41:36 PM

Quant Time: Sep 01 05:14:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:12:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	281704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	403550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	375612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	143038	50.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.722	113	115146	50.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.620%	
50) Toluene-d8	10.185	98	490455	51.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	12.483	95	163246	51.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	125257	49.798	ug/l	100
3) Chloromethane	2.119	50	124441	46.711	ug/l	100
4) Vinyl Chloride	2.253	62	160750	46.423	ug/l	100
5) Bromomethane	2.650	94	107637	46.072	ug/l	100
6) Chloroethane	2.802	64	101790	49.161	ug/l	100
7) Trichlorofluoromethane	3.131	101	215397	48.698	ug/l	100
8) Diethyl Ether	3.540	74	73836	49.039	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	117315	49.257	ug/l	100
10) Methyl Iodide	4.101	142	152008	50.786	ug/l	100
11) Tert butyl alcohol	4.954	59	108332	194.063	ug/l	100
12) 1,1-Dichloroethene	3.881	96	118497	49.003	ug/l	100
13) Acrolein	3.735	56	20829	180.302	ug/l	100
14) Allyl chloride	4.491	41	202765	49.858	ug/l	100
15) Acrylonitrile	5.174	53	191290	251.220	ug/l	100
16) Acetone	3.954	43	189770	262.168	ug/l	100
17) Carbon Disulfide	4.204	76	383354	49.632	ug/l	100
18) Methyl Acetate	4.485	43	97120	48.326	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	366229	50.447	ug/l	100
20) Methylene Chloride	4.729	84	144508	45.102	ug/l	100
21) trans-1,2-Dichloroethene	5.235	96	133463	49.465	ug/l	100
22) Diisopropyl ether	6.131	45	417656	50.545	ug/l	100
23) Vinyl Acetate	6.070	43	1293915	258.039	ug/l	100
24) 1,1-Dichloroethane	6.027	63	233459	49.530	ug/l	100
25) 2-Butanone	6.996	43	261679	255.899	ug/l	100
26) 2,2-Dichloropropane	6.990	77	218688	49.590	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	152570	50.323	ug/l	100
28) Bromochloromethane	7.344	49	103840	53.441	ug/l	100
29) Tetrahydrofuran	7.356	42	167027	252.088	ug/l	100
30) Chloroform	7.515	83	239611	49.539	ug/l	100
31) Cyclohexane	7.789	56	228368	47.695	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	224357	49.819	ug/l	100
36) 1,1-Dichloropropene	7.923	75	191830	50.488	ug/l	100
37) Ethyl Acetate	7.082	43	114394	50.273	ug/l	100
38) Carbon Tetrachloride	7.905	117	208640	50.661	ug/l	100
39) Methylcyclohexane	9.185	83	244338	50.772	ug/l	100
40) Benzene	8.167	78	544090	50.686	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	65342m	50.213	ug/l	
42) 1,2-Dichloroethane	8.246	62	174631	50.082	ug/l	100
43) Isopropyl Acetate	8.283	43	212353	51.380	ug/l	100
44) Trichloroethene	8.947	130	152394	50.623	ug/l	100
45) 1,2-Dichloropropane	9.222	63	132534	50.318	ug/l	100
46) Dibromomethane	9.307	93	76315	50.347	ug/l	100
47) Bromodichloromethane	9.502	83	186583	50.651	ug/l	100
48) Methyl methacrylate	9.301	41	97784	51.476	ug/l	100
49) 1,4-Dioxane	9.307	88	20821	997.402	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	574755	258.099	ug/l	100
52) Toluene	10.246	92	354706	51.271	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	210270	51.479	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	228721	51.036	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	109880	50.611	ug/l	100
56) Ethyl methacrylate	10.514	69	165945	52.806	ug/l	100
57) 1,3-Dichloropropane	10.795	76	192861	51.239	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	408665	251.939	ug/l	100
59) 2-Hexanone	10.837	43	413169	265.575	ug/l	100
60) Dibromochloromethane	10.990	129	136563	51.234	ug/l	100
61) 1,2-Dibromoethane	11.093	107	105515	51.021	ug/l	100
64) Tetrachloroethene	10.721	164	153488	49.907	ug/l	100
65) Chlorobenzene	11.520	112	379773	50.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	142768	50.602	ug/l	100
67) Ethyl Benzene	11.593	91	685930	50.912	ug/l	100
68) m/p-Xylenes	11.703	106	544137	102.420	ug/l	100
69) o-Xylene	12.032	106	255299	51.184	ug/l	100
70) Styrene	12.044	104	436096	51.257	ug/l	100
71) Bromoform	12.209	173	96413	51.832	ug/l	100
73) Isopropylbenzene	12.331	105	671482	50.242	ug/l	100
74) N-amyl acetate	12.148	43	198598	51.793	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	128618	50.569	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	89819m	62.076	ug/l	
77) Bromobenzene	12.611	156	167494	49.756	ug/l	100
78) n-propylbenzene	12.672	91	807450	50.552	ug/l	100
79) 2-Chlorotoluene	12.758	91	448265	50.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	565867	50.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	51212	51.895	ug/l	100
82) 4-Chlorotoluene	12.855	91	461875	49.509	ug/l	100
83) tert-Butylbenzene	13.075	119	498161	50.898	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	564382	50.813	ug/l	100
85) sec-Butylbenzene	13.258	105	736054	51.026	ug/l	100
86) p-Isopropyltoluene	13.367	119	636786	50.945	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	331902	50.672	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	326025	49.830	ug/l	100
89) n-Butylbenzene	13.696	91	575626	51.471	ug/l	100
90) Hexachloroethane	13.959	117	112595	49.637	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	291366	50.168	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24735	51.853	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	198526	50.640	ug/l	100
94) Hexachlorobutadiene	15.111	225	128638	50.938	ug/l	100
95) Naphthalene	15.239	128	389788	51.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	176356	51.526	ug/l	100

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

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