

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005898.D
 Acq On : 30 Aug 2021 16:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:41:00 PM

Quant Time: Aug 31 02:51:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	191551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	265869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103253	53.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.500%	
35) Dibromofluoromethane	7.728	113	86745	55.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.080%	
50) Toluene-d8	10.185	98	337781	51.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.483	95	120379	54.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	68463	43.516	ug/l	100
3) Chloromethane	2.119	50	83958	44.675	ug/l	100
4) Vinyl Chloride	2.259	62	110327	49.012	ug/l	99
5) Bromomethane	2.650	94	80524	54.347	ug/l	100
6) Chloroethane	2.802	64	77014	56.680	ug/l	98
7) Trichlorofluoromethane	3.131	101	163714	54.321	ug/l	95
8) Diethyl Ether	3.534	74	64436	61.214	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	94829	58.008	ug/l	99
10) Methyl Iodide	4.101	142	107427	52.747	ug/l	98
11) Tert butyl alcohol	4.966	59	78812	411.162	ug/l	97
12) 1,1-Dichloroethene	3.881	96	92908	56.281	ug/l	95
13) Acrolein	3.741	56	30836	266.634	ug/l	100
14) Allyl chloride	4.491	41	168726	58.356	ug/l	97
15) Acrylonitrile	5.173	53	182678	338.628	ug/l	99
16) Acetone	3.954	43	149117	305.029	ug/l	94
17) Carbon Disulfide	4.204	76	239305	47.026	ug/l	100
18) Methyl Acetate	4.491	43	84224	65.874	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	323679	63.293	ug/l	98
20) Methylene Chloride	4.728	84	125613	66.873	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	104926	56.852	ug/l	98
22) Diisopropyl ether	6.131	45	372358	62.426	ug/l	99
23) Vinyl Acetate	6.070	43	1250688	315.067	ug/l	100
24) 1,1-Dichloroethane	6.033	63	206738	62.541	ug/l	99
25) 2-Butanone	6.996	43	201939	279.448	ug/l	98
26) 2,2-Dichloropropane	6.990	77	152313	50.432	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	111052	52.905	ug/l	99
28) Bromochloromethane	7.344	49	58805	44.571	ug/l	99
29) Tetrahydrofuran	7.356	42	134546	281.499	ug/l	98
30) Chloroform	7.515	83	183251	54.314	ug/l	99
31) Cyclohexane	7.795	56	141248	42.470	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	162497	52.393	ug/l	99
36) 1,1-Dichloropropene	7.923	75	129739	49.141	ug/l	100
37) Ethyl Acetate	7.082	43	89741	56.108	ug/l	98
38) Carbon Tetrachloride	7.905	117	148491	51.749	ug/l	98
39) Methylcyclohexane	9.191	83	153914	45.822	ug/l	98
40) Benzene	8.167	78	387366	51.236	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	50307m	57.969	ug/l	
42) 1,2-Dichloroethane	8.246	62	131048	53.437	ug/l	99
43) Isopropyl Acetate	8.277	43	165370	54.611	ug/l	99
44) Trichloroethene	8.947	130	107549	52.121	ug/l	97
45) 1,2-Dichloropropane	9.222	63	99174	52.433	ug/l	100
46) Dibromomethane	9.307	93	57290	54.779	ug/l	98
47) Bromodichloromethane	9.502	83	143226	54.720	ug/l	99
48) Methyl methacrylate	9.301	41	76281	55.740	ug/l	99
49) 1,4-Dioxane	9.301	88	17699	1217.696	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	467556	293.194	ug/l	99
52) Toluene	10.246	92	252922	52.465	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	156648	53.552	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	168178	52.977	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	84979	56.158	ug/l	97
56) Ethyl methacrylate	10.514	69	126091	55.649	ug/l	99
57) 1,3-Dichloropropane	10.794	76	146291	54.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	334748	309.189	ug/l	99
59) 2-Hexanone	10.837	43	329425	292.270	ug/l	99
60) Dibromochloromethane	10.990	129	105985	56.595	ug/l	100
61) 1,2-Dibromoethane	11.093	107	78644	54.865	ug/l	100
64) Tetrachloroethene	10.721	164	106127	52.441	ug/l	97
65) Chlorobenzene	11.520	112	279330	52.210	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	110473	54.861	ug/l	99
67) Ethyl Benzene	11.593	91	497713	51.303	ug/l	99
68) m/p-Xylenes	11.703	106	386486	102.568	ug/l	100
69) o-Xylene	12.032	106	188531	52.056	ug/l	99
70) Styrene	12.044	104	328236	53.843	ug/l	99
71) Bromoform	12.209	173	74023	56.685	ug/l #	99
73) Isopropylbenzene	12.331	105	494707	49.353	ug/l	100
74) N-amyl acetate	12.142	43	153838	50.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	103654	53.763	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	69620m	46.783	ug/l	
77) Bromobenzene	12.611	156	126635	51.421	ug/l	99
78) n-propylbenzene	12.672	91	595075	49.984	ug/l	100
79) 2-Chlorotoluene	12.757	91	334606	50.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	419399	50.416	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	38140	51.665	ug/l	98
82) 4-Chlorotoluene	12.855	91	343912	49.720	ug/l	98
83) tert-Butylbenzene	13.075	119	374122	50.119	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	416112	50.694	ug/l	99
85) sec-Butylbenzene	13.251	105	540940	50.242	ug/l	99
86) p-Isopropyltoluene	13.367	119	468216	50.652	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	245581	51.106	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	242884	50.951	ug/l	99
89) n-Butylbenzene	13.696	91	420712	50.237	ug/l	99
90) Hexachloroethane	13.959	117	86015	51.756	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	222326	52.379	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19753	54.046	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	151481	51.953	ug/l	99
94) Hexachlorobutadiene	15.111	225	95892	50.793	ug/l	99
95) Naphthalene	15.239	128	310535	54.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	134376	52.020	ug/l	99

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

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