

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005627.D
 Acq On : 12 Aug 2021 17:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 5:44:12 PM

Quant Time: Aug 13 04:23:57 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	7.795	168	294322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	402908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	365617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	144485	48.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.728	113	125362	55.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.140%
50) Toluene-d8	10.185	98	459266	48.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.483	95	156577	49.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	90299	37.354	ug/l	99
3) Chloromethane	2.119	50	122477	42.415	ug/l	100
4) Vinyl Chloride	2.259	62	150674	43.564	ug/l	99
5) Bromomethane	2.662	94	112068	49.226	ug/l	99
6) Chloroethane	2.802	64	106010	50.777	ug/l	97
7) Trichlorofluoromethane	3.137	101	218089	47.095	ug/l	99
8) Diethyl Ether	3.540	74	81680	50.501	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.911	101	127979	50.950	ug/l	98
10) Methyl Iodide	4.100	142	150403	48.062	ug/l	98
11) Tert butyl alcohol	5.021	59	52681	178.870	ug/l #	91
12) 1,1-Dichloroethene	3.881	96	127654	50.327	ug/l	99
13) Acrolein	3.753	56	38607	217.263	ug/l	99
14) Allyl chloride	4.491	41	234613	52.810	ug/l	99
15) Acrylonitrile	5.186	53	189903	229.102	ug/l	100
16) Acetone	3.985	43	133737	178.044	ug/l	100
17) Carbon Disulfide	4.204	76	364311	46.593	ug/l	99
18) Methyl Acetate	4.491	43	86053	43.803	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	399690	50.866	ug/l	98
20) Methylene Chloride	4.728	84	169812	58.007	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	145390	51.269	ug/l	97
22) Diisopropyl ether	6.125	45	513344	56.011	ug/l #	90
23) Vinyl Acetate	6.070	43	1546090	253.484	ug/l	99
24) 1,1-Dichloroethane	6.027	63	286511	56.409	ug/l	99
25) 2-Butanone	7.008	43	217022	195.455	ug/l	99
26) 2,2-Dichloropropane	6.990	77	231385	49.861	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	170075	52.731	ug/l	97
28) Bromochloromethane	7.344	49	106431	52.501	ug/l	94
29) Tetrahydrofuran	7.362	42	154990	211.043	ug/l	99
30) Chloroform	7.515	83	281590	54.318	ug/l	100
31) Cyclohexane	7.795	56	245275	47.997	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	247401	51.915	ug/l	100
36) 1,1-Dichloropropene	7.923	75	208210	55.097	ug/l	99
37) Ethyl Acetate	7.088	43	118821	51.901	ug/l	98
38) Carbon Tetrachloride	7.905	117	219984	53.561	ug/l	98
39) Methylcyclohexane	9.185	83	227966	47.416	ug/l	98
40) Benzene	8.167	78	613408	56.684	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	54798	44.115	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	189659	54.031	ug/l	100
43) Isopropyl Acetate	8.283	43	217871	50.266	ug/l	99
44) Trichloroethene	8.941	130	147329	49.882	ug/l	94
45) 1,2-Dichloropropane	9.222	63	143612	53.046	ug/l	100
46) Dibromomethane	9.307	93	73493	49.095	ug/l	97
47) Bromodichloromethane	9.502	83	196303	52.397	ug/l	99
48) Methyl methacrylate	9.301	41	91237	46.577	ug/l	97
49) 1,4-Dioxane	9.319	88	18232m	876.346	ug/l	
51) 4-Methyl-2-Pentanone	10.075	43	505671	221.534	ug/l	100
52) Toluene	10.246	92	348743	50.541	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	206914	49.419	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	231169	50.875	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	105411	48.667	ug/l	98
56) Ethyl methacrylate	10.514	69	156998	48.408	ug/l	98
57) 1,3-Dichloropropane	10.794	76	190347	49.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	382364	246.737	ug/l	97
59) 2-Hexanone	10.837	43	342356	212.205	ug/l	99
60) Dibromochloromethane	10.989	129	131666	49.120	ug/l	100
61) 1,2-Dibromoethane	11.093	107	97676	47.607	ug/l	98
64) Tetrachloroethene	10.721	164	141908	50.991	ug/l	99
65) Chlorobenzene	11.520	112	372713	50.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	143526	51.830	ug/l	99
67) Ethyl Benzene	11.593	91	686368	51.447	ug/l	98
68) m/p-Xylenes	11.703	106	527745	101.846	ug/l	98
69) o-Xylene	12.032	106	254874	51.175	ug/l	98
70) Styrene	12.044	104	435590	51.959	ug/l	99
71) Bromoform	12.209	173	86418	48.123	ug/l #	99
73) Isopropylbenzene	12.331	105	670551	50.652	ug/l	99
74) N-amyl acetate	12.148	43	191993	48.178	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	120234	47.220	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	87196m	44.366	ug/l	
77) Bromobenzene	12.611	156	160118	49.229	ug/l	95
78) n-propylbenzene	12.672	91	805369	51.222	ug/l	99
79) 2-Chlorotoluene	12.757	91	452830	51.289	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	559616	50.936	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	43075	44.182	ug/l	97
82) 4-Chlorotoluene	12.855	91	460563	50.416	ug/l	99
83) tert-Butylbenzene	13.074	119	503091	51.031	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	556691	51.352	ug/l	99
85) sec-Butylbenzene	13.257	105	723143	50.856	ug/l	100
86) p-Isopropyltoluene	13.373	119	615386	50.408	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	318181	50.136	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	311662	49.503	ug/l	99
89) n-Butylbenzene	13.696	91	569959	51.533	ug/l	99
90) Hexachloroethane	13.958	117	115661	52.696	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	277688	49.536	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21703	44.962	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	195228	50.699	ug/l	99
94) Hexachlorobutadiene	15.117	225	123804	49.654	ug/l	100
95) Naphthalene	15.239	128	369935	48.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	170748	50.050	ug/l	100

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

