

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005755.D
 Acq On : 19 Aug 2021 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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8/20/2021 2:15:08 PM

Quant Time: Aug 20 06:52:20 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	229398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	113109	48.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.722	113	94549	50.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.185	98	330602	42.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.560%
62) 4-Bromofluorobenzene	12.483	95	113570	43.862	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	87175	46.268	ug/l	99
3) Chloromethane	2.119	50	105726	46.976	ug/l	99
4) Vinyl Chloride	2.259	62	137128	50.868	ug/l	99
5) Bromomethane	2.655	94	90439	50.969	ug/l	98
6) Chloroethane	2.802	64	89884	55.238	ug/l	99
7) Trichlorofluoromethane	3.131	101	187474	51.941	ug/l	99
8) Diethyl Ether	3.533	74	64136	50.877	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	104983	53.624	ug/l	99
10) Methyl Iodide	4.100	142	119164	48.856	ug/l	99
11) Tert butyl alcohol	4.966	59	53767	234.224	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	103336	52.270	ug/l	94
13) Acrolein	3.741	56	27998	202.153	ug/l	96
14) Allyl chloride	4.484	41	186573	53.882	ug/l	99
15) Acrylonitrile	5.167	53	164139	254.064	ug/l	99
16) Acetone	3.954	43	175391	299.582	ug/l	95
17) Carbon Disulfide	4.198	76	294224	48.280	ug/l	99
18) Methyl Acetate	4.484	43	74422	48.604	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	320585	52.345	ug/l	97
20) Methylene Chloride	4.722	84	126325	55.050	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	114656	51.874	ug/l	99
22) Diisopropyl ether	6.124	45	395635	55.385	ug/l	99
23) Vinyl Acetate	6.063	43	1279667	269.182	ug/l	99
24) 1,1-Dichloroethane	6.027	63	218596	55.218	ug/l	99
25) 2-Butanone	6.996	43	229685	265.404	ug/l	98
26) 2,2-Dichloropropane	6.984	77	201258	55.644	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	135124	53.752	ug/l	97
28) Bromochloromethane	7.337	49	81687	51.699	ug/l	96
29) Tetrahydrofuran	7.350	42	141993	248.066	ug/l	100
30) Chloroform	7.508	83	220723	54.627	ug/l	98
31) Cyclohexane	7.789	56	196712	49.388	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	202066	54.402	ug/l	99
36) 1,1-Dichloropropene	7.923	75	168241	53.867	ug/l	99
37) Ethyl Acetate	7.075	43	96599	51.053	ug/l	99
38) Carbon Tetrachloride	7.904	117	185440	54.629	ug/l	98
39) Methylcyclohexane	9.185	83	178312	44.874	ug/l	97
40) Benzene	8.160	78	483704	54.082	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	52203m	50.849	ug/l	
42) 1,2-Dichloroethane	8.240	62	154675	53.315	ug/l	99
43) Isopropyl Acetate	8.276	43	181724	50.729	ug/l	99
44) Trichloroethene	8.941	130	129862	53.199	ug/l	97
45) 1,2-Dichloropropane	9.221	63	105728	47.252	ug/l	99
46) Dibromomethane	9.307	93	56986	46.060	ug/l	98
47) Bromodichloromethane	9.502	83	147353	47.588	ug/l	100
48) Methyl methacrylate	9.294	41	72303	44.661	ug/l	99
49) 1,4-Dioxane	9.301	88	15443	898.131	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	429402	227.616	ug/l	100
52) Toluene	10.245	92	268184	47.026	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	162844	47.059	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	175849	46.825	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	82336	45.995	ug/l	98
56) Ethyl methacrylate	10.514	69	123160	45.947	ug/l	98
57) 1,3-Dichloropropane	10.794	76	146326	46.354	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	307142	239.807	ug/l	99
59) 2-Hexanone	10.837	43	313035	234.768	ug/l	98
60) Dibromochloromethane	10.983	129	103214	46.590	ug/l	98
61) 1,2-Dibromoethane	11.093	107	76904	45.352	ug/l	99
64) Tetrachloroethene	10.721	164	112071	55.125	ug/l	97
65) Chlorobenzene	11.520	112	291177	54.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	110977	54.860	ug/l	99
67) Ethyl Benzene	11.593	91	528739	54.252	ug/l	98
68) m/p-Xylenes	11.703	106	414049	109.381	ug/l	99
69) o-Xylene	12.032	106	197044	54.158	ug/l	99
70) Styrene	12.044	104	342023	55.849	ug/l	99
71) Bromoform	12.209	173	70768	53.945	ug/l #	99
73) Isopropylbenzene	12.330	105	529484	52.922	ug/l	100
74) N-amyl acetate	12.141	43	152973	50.792	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	96366	50.078	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	80865m	54.443	ug/l	
77) Bromobenzene	12.611	156	128292	52.193	ug/l	98
78) n-propylbenzene	12.672	91	638326	53.719	ug/l	100
79) 2-Chlorotoluene	12.757	91	350410	52.516	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	441551	53.179	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	36656	49.749	ug/l	98
82) 4-Chlorotoluene	12.855	91	365557	52.949	ug/l	99
83) tert-Butylbenzene	13.074	119	393932	52.873	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	443013	54.073	ug/l	100
85) sec-Butylbenzene	13.251	105	581311	54.094	ug/l	99
86) p-Isopropyltoluene	13.373	119	499413	54.129	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	255475	53.265	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	253599	53.299	ug/l	99
89) n-Butylbenzene	13.696	91	460377	55.078	ug/l	99
90) Hexachloroethane	13.958	117	90068	54.298	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	225951	53.334	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17346	47.550	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	153172	52.633	ug/l	100
94) Hexachlorobutadiene	15.110	225	102018	54.140	ug/l	98
95) Naphthalene	15.238	128	286965	50.022	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	132403	51.354	ug/l	100

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

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