

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005291.D
 Acq On : 29 Jun 2021 21:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/30/2021 7:40:09 PM

Quant Time: Jun 30 04:02:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	290672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	427110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	398817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136130	56.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.860%	
35) Dibromofluoromethane	7.728	113	131541	52.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.440%	
50) Toluene-d8	10.185	98	522489	51.869	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.740%	
62) 4-Bromofluorobenzene	12.483	95	178526	53.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	78965	41.314	ug/l	98
3) Chloromethane	2.119	50	123327	48.448	ug/l	96
4) Vinyl Chloride	2.253	62	138678	47.649	ug/l	99
5) Bromomethane	2.650	94	91762	49.708	ug/l	97
6) Chloroethane	2.796	64	90991	47.809	ug/l	99
7) Trichlorofluoromethane	3.131	101	183427	47.144	ug/l	98
8) Diethyl Ether	3.534	74	75281	51.720	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	113142	47.498	ug/l	99
10) Methyl Iodide	4.101	142	147128	43.419	ug/l	99
11) Tert butyl alcohol	4.966	59	81576	285.522	ug/l	100
12) 1,1-Dichloroethene	3.881	96	116396	48.365	ug/l	97
13) Acrolein	3.735	56	31369	264.661	ug/l	94
14) Allyl chloride	4.491	41	181398	52.473	ug/l	98
15) Acrylonitrile	5.174	53	188069	278.150	ug/l	99
16) Acetone	3.954	43	134220	240.865	ug/l	97
17) Carbon Disulfide	4.204	76	364828	48.198	ug/l	99
18) Methyl Acetate	4.485	43	85030	57.417	ug/l	96
19) Methyl tert-butyl Ether	5.235	73	349180	53.068	ug/l	98
20) Methylene Chloride	4.729	84	162987	56.529	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	136781	51.042	ug/l	99
22) Diisopropyl ether	6.131	45	400807	55.773	ug/l	97
23) Vinyl Acetate	6.070	43	1285246	276.369	ug/l	97
24) 1,1-Dichloroethane	6.027	63	237638	53.281	ug/l	98
25) 2-Butanone	6.997	43	220758	271.688	ug/l	98
26) 2,2-Dichloropropane	6.990	77	177370	45.604	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	156613	51.964	ug/l	98
28) Bromochloromethane	7.344	49	111643	62.563	ug/l	95
29) Tetrahydrofuran	7.356	42	150903	282.273	ug/l	97
30) Chloroform	7.515	83	241035	53.107	ug/l	99
31) Cyclohexane	7.789	56	201694	46.836	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	206552	51.025	ug/l	99
36) 1,1-Dichloropropene	7.923	75	181013	48.129	ug/l	99
37) Ethyl Acetate	7.088	43	100551	51.845	ug/l	99
38) Carbon Tetrachloride	7.905	117	185865	47.210	ug/l	98
39) Methylcyclohexane	9.185	83	223427	45.903	ug/l	99
40) Benzene	8.167	78	554994	50.044	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	55099m	51.225	ug/l	
42) 1,2-Dichloroethane	8.246	62	156105	51.824	ug/l	99
43) Isopropyl Acetate	8.283	43	187220	52.518	ug/l	99
44) Trichloroethene	8.941	130	152735	48.713	ug/l	97
45) 1,2-Dichloropropane	9.222	63	138825	52.314	ug/l	99
46) Dibromomethane	9.313	93	79137	51.279	ug/l	97
47) Bromodichloromethane	9.502	83	186321	51.489	ug/l	98
48) Methyl methacrylate	9.301	41	84334	53.924	ug/l	96
49) 1,4-Dioxane	9.301	88	21648	1066.690	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	502919	269.533	ug/l	99
52) Toluene	10.246	92	354666	50.034	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	199308	50.316	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	224675	50.310	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	114836	50.954	ug/l	98
56) Ethyl methacrylate	10.514	69	163743	53.522	ug/l	98
57) 1,3-Dichloropropane	10.795	76	196103	51.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	354459	262.688	ug/l	98
59) 2-Hexanone	10.837	43	346893	270.306	ug/l	99
60) Dibromochloromethane	10.990	129	141763	51.349	ug/l	100
61) 1,2-Dibromoethane	11.093	107	111368	50.800	ug/l	99
64) Tetrachloroethene	10.721	164	141747	48.164	ug/l	98
65) Chlorobenzene	11.520	112	387272	48.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	146598	49.966	ug/l	99
67) Ethyl Benzene	11.593	91	665225	48.804	ug/l	100
68) m/p-Xylenes	11.703	106	534054	97.794	ug/l	99
69) o-Xylene	12.032	106	256305	49.564	ug/l	98
70) Styrene	12.044	104	440448	50.656	ug/l	99
71) Bromoform	12.209	173	100511	50.346	ug/l	100
73) Isopropylbenzene	12.331	105	648918	49.014	ug/l	100
74) N-amyl acetate	12.148	43	162970	52.013	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	132853	50.926	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	87889m	48.548	ug/l	
77) Bromobenzene	12.611	156	173146	49.286	ug/l	97
78) n-propylbenzene	12.672	91	763569	48.911	ug/l	100
79) 2-Chlorotoluene	12.758	91	439352	49.889	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	545606	49.816	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	46171	47.585	ug/l	98
82) 4-Chlorotoluene	12.855	91	451445	49.550	ug/l	99
83) tert-Butylbenzene	13.075	119	480682	49.230	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	543486	50.192	ug/l	100
85) sec-Butylbenzene	13.251	105	692453	48.746	ug/l	100
86) p-Isopropyltoluene	13.367	119	591842	48.288	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	328322	48.951	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	323113	48.716	ug/l	99
89) n-Butylbenzene	13.697	91	517591	48.073	ug/l	100
90) Hexachloroethane	13.965	117	110722	50.008	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	292924	49.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21520	49.523	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	192364	45.903	ug/l	100
94) Hexachlorobutadiene	15.111	225	118744	45.275	ug/l	99
95) Naphthalene	15.239	128	365645	47.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	171024	46.339	ug/l	99

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

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