

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005092.D
 Acq On : 10 Jun 2021 21:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 6/11/2021 6:06:37 PM

Quant Time: Jun 11 05:09:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	184816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100144	51.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.520%
35) Dibromofluoromethane	7.728	113	83533	49.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.900%
50) Toluene-d8	10.185	98	352063	50.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.483	95	117036	48.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	88301	52.614	ug/l	98
3) Chloromethane	2.119	50	117802	51.407	ug/l	99
4) Vinyl Chloride	2.260	62	113338	51.409	ug/l	100
5) Bromomethane	2.656	94	61992	49.613	ug/l	95
6) Chloroethane	2.802	64	67595	51.260	ug/l	99
7) Trichlorofluoromethane	3.131	101	172984	55.475	ug/l	96
8) Diethyl Ether	3.540	74	67606	55.840	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	103154	54.237	ug/l	99
10) Methyl Iodide	4.101	142	110210	60.702	ug/l	97
11) Tert butyl alcohol	4.979	59	52881	235.346	ug/l	99
12) 1,1-Dichloroethene	3.881	96	103349	54.413	ug/l	97
13) Acrolein	3.741	56	46931	228.124	ug/l	97
14) Allyl chloride	4.491	41	166067	47.954	ug/l	95
15) Acrylonitrile	5.180	53	156307	274.548	ug/l	99
16) Acetone	3.960	43	123538	262.658	ug/l	100
17) Carbon Disulfide	4.204	76	297424	50.922	ug/l	100
18) Methyl Acetate	4.485	43	78891	52.342	ug/l	96
19) Methyl tert-butyl Ether	5.235	73	275660	56.381	ug/l	97
20) Methylene Chloride	4.729	84	131814	59.340	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	116829	54.797	ug/l	92
22) Diisopropyl ether	6.131	45	333213	52.415	ug/l	98
23) Vinyl Acetate	6.070	43	1208846	261.355	ug/l	98
24) 1,1-Dichloroethane	6.027	63	203470	53.179	ug/l	100
25) 2-Butanone	6.996	43	208177	263.220	ug/l	97
26) 2,2-Dichloropropane	6.990	77	160157	49.525	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	132161	56.566	ug/l	94
28) Bromochloromethane	7.344	49	84146	49.230	ug/l	90
29) Tetrahydrofuran	7.362	42	129603	257.664	ug/l	94
30) Chloroform	7.515	83	210225	57.943	ug/l	99
31) Cyclohexane	7.795	56	161676	46.999	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	183480	57.651	ug/l	99
36) 1,1-Dichloropropene	7.929	75	156483	50.920	ug/l	99
37) Ethyl Acetate	7.082	43	99750	49.345	ug/l	97
38) Carbon Tetrachloride	7.905	117	155367	58.092	ug/l	98
39) Methylcyclohexane	9.185	83	175276	51.634	ug/l	97
40) Benzene	8.167	78	471203	53.588	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	49663	44.689	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	140537	55.362	ug/l	99
43) Isopropyl Acetate	8.283	43	179495	49.459	ug/l	95
44) Trichloroethene	8.947	130	129315	56.191	ug/l	97
45) 1,2-Dichloropropane	9.222	63	118996	51.708	ug/l	98
46) Dibromomethane	9.313	93	69356	56.430	ug/l	97
47) Bromodichloromethane	9.502	83	163088	56.519	ug/l	97
48) Methyl methacrylate	9.295	41	81338	49.259	ug/l	92
49) 1,4-Dioxane	9.307	88	15728	1059.933	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	478723	251.626	ug/l	97
52) Toluene	10.246	92	292875	55.045	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	171456	53.685	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	194033	53.474	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	98150	57.454	ug/l	99
56) Ethyl methacrylate	10.514	69	138072	56.455	ug/l	93
57) 1,3-Dichloropropane	10.795	76	167268	55.025	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	308717	249.782	ug/l	95
59) 2-Hexanone	10.837	43	331183	257.540	ug/l	97
60) Dibromochloromethane	10.990	129	118053	60.755	ug/l	99
61) 1,2-Dibromoethane	11.093	107	94139	57.457	ug/l	100
64) Tetrachloroethene	10.721	164	133958	54.855	ug/l	96
65) Chlorobenzene	11.520	112	312375	53.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	116368	56.413	ug/l	98
67) Ethyl Benzene	11.593	91	564135	52.756	ug/l	99
68) m/p-Xylenes	11.703	106	424721	106.008	ug/l	100
69) o-Xylene	12.032	106	203878	54.645	ug/l	98
70) Styrene	12.044	104	348599	56.079	ug/l	99
71) Bromoform	12.209	173	72094	59.276	ug/l #	100
73) Isopropylbenzene	12.331	105	545217	52.028	ug/l	99
74) N-amyl acetate	12.148	43	156395	46.256	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	108465	51.561	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	77870m	51.206	ug/l	
77) Bromobenzene	12.611	156	127544	54.472	ug/l	95
78) n-propylbenzene	12.672	91	653041	51.699	ug/l	98
79) 2-Chlorotoluene	12.758	91	359810	51.097	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	463121	53.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	39605	47.863	ug/l	99
82) 4-Chlorotoluene	12.855	91	369890	51.405	ug/l	98
83) tert-Butylbenzene	13.075	119	402702	55.067	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	461079	53.666	ug/l	100
85) sec-Butylbenzene	13.258	105	566075	53.170	ug/l	99
86) p-Isopropyltoluene	13.367	119	493242	54.008	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	240247	53.901	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	237315	53.384	ug/l	99
89) n-Butylbenzene	13.696	91	462330	52.633	ug/l	99
90) Hexachloroethane	13.965	117	77177	56.936	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	219228	55.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19068	54.745	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	139262	56.308	ug/l	99
94) Hexachlorobutadiene	15.111	225	75145	57.588	ug/l	99
95) Naphthalene	15.239	128	324119	59.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	127049	58.352	ug/l	99

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

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