

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005037.D
 Acq On : 08 Jun 2021 20:50
 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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 6/9/2021 4:22:07 PM

Quant Time: Jun 09 03:54:18 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	194174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108650	52.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.860%	
35) Dibromofluoromethane	7.728	113	92561	50.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.185	98	385914	50.697	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.483	95	131473	50.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	81465	46.202	ug/l	100
3) Chloromethane	2.113	50	122907	51.050	ug/l	97
4) Vinyl Chloride	2.253	62	114346	49.366	ug/l	99
5) Bromomethane	2.656	94	64155	48.870	ug/l	96
6) Chloroethane	2.802	64	71155	51.359	ug/l	99
7) Trichlorofluoromethane	3.131	101	166479	50.816	ug/l	99
8) Diethyl Ether	3.540	74	71649	56.327	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	102900	51.496	ug/l	100
10) Methyl Iodide	4.094	142	108564	56.914	ug/l	98
11) Tert butyl alcohol	4.985	59	45708	193.619	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	102222	51.225	ug/l	98
13) Acrolein	3.741	56	53757	251.732	ug/l	98
14) Allyl chloride	4.491	41	193356	53.144	ug/l	98
15) Acrylonitrile	5.180	53	167456	279.955	ug/l	98
16) Acetone	3.966	43	126796	256.593	ug/l	98
17) Carbon Disulfide	4.204	76	305098	49.718	ug/l	100
18) Methyl Acetate	4.485	43	87960	55.546	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	298825	58.173	ug/l	98
20) Methylene Chloride	4.728	84	141828	60.933	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	120297	53.704	ug/l	96
22) Diisopropyl ether	6.131	45	392859	58.819	ug/l	99
23) Vinyl Acetate	6.070	43	1434541	295.204	ug/l	98
24) 1,1-Dichloroethane	6.027	63	227014	56.473	ug/l	99
25) 2-Butanone	7.002	43	227959	274.342	ug/l	100
26) 2,2-Dichloropropane	6.996	77	165913	48.832	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	137493	56.013	ug/l	98
28) Bromochloromethane	7.344	49	101833	56.706	ug/l	97
29) Tetrahydrofuran	7.362	42	147987	280.034	ug/l	98
30) Chloroform	7.515	83	221400	58.082	ug/l	98
31) Cyclohexane	7.795	56	176326	48.788	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	184504	55.179	ug/l	100
36) 1,1-Dichloropropene	7.923	75	167266	50.168	ug/l	99
37) Ethyl Acetate	7.088	43	115717	52.763	ug/l	99
38) Carbon Tetrachloride	7.905	117	154420	53.218	ug/l	97
39) Methylcyclohexane	9.185	83	178923	48.583	ug/l	99
40) Benzene	8.167	78	514695	53.952	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	66012	54.751	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	149968	54.453	ug/l	100
43) Isopropyl Acetate	8.283	43	211039	53.599	ug/l	98
44) Trichloroethene	8.947	130	132389	53.024	ug/l	96
45) 1,2-Dichloropropane	9.222	63	136216	54.557	ug/l	97
46) Dibromomethane	9.313	93	75368	56.521	ug/l	98
47) Bromodichloromethane	9.502	83	175002	55.901	ug/l	98
48) Methyl methacrylate	9.301	41	95065	53.065	ug/l	96
49) 1,4-Dioxane	9.313	88	13163	817.637	ug/l #	70
51) 4-Methyl-2-Pentanone	10.075	43	570689	276.485	ug/l	100
52) Toluene	10.246	92	315068	54.581	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	188647	54.444	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	216163	54.910	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	104817	56.554	ug/l	99
56) Ethyl methacrylate	10.514	69	152538	57.488	ug/l	97
57) 1,3-Dichloropropane	10.794	76	188188	57.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	366084	273.012	ug/l	100
59) 2-Hexanone	10.837	43	389306	279.042	ug/l	99
60) Dibromochloromethane	10.990	129	122250	57.990	ug/l	99
61) 1,2-Dibromoethane	11.093	107	100692	56.646	ug/l	100
64) Tetrachloroethene	10.721	164	136498	51.249	ug/l	98
65) Chlorobenzene	11.520	112	332084	52.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	122266	54.346	ug/l	99
67) Ethyl Benzene	11.593	91	602373	51.649	ug/l	99
68) m/p-Xylenes	11.703	106	448450	102.626	ug/l	99
69) o-Xylene	12.032	106	214260	52.654	ug/l	100
70) Styrene	12.044	104	368128	54.298	ug/l	99
71) Bromoform	12.209	173	73524	55.427	ug/l #	99
73) Isopropylbenzene	12.331	105	559691	49.967	ug/l	99
74) N-amyl acetate	12.148	43	193187	53.456	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	120615	53.642	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	84909m	52.237	ug/l	
77) Bromobenzene	12.611	156	130717	52.229	ug/l	98
78) n-propylbenzene	12.672	91	676914	50.136	ug/l	100
79) 2-Chlorotoluene	12.758	91	381546	50.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	467693	50.612	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43494	49.175	ug/l	98
82) 4-Chlorotoluene	12.855	91	389199	50.603	ug/l	99
83) tert-Butylbenzene	13.075	119	397936	50.908	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	468050	50.966	ug/l	99
85) sec-Butylbenzene	13.251	105	562813	49.457	ug/l	100
86) p-Isopropyltoluene	13.373	119	487604	49.950	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	247088	51.863	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	243383	51.221	ug/l	99
89) n-Butylbenzene	13.696	91	459318	48.920	ug/l	99
90) Hexachloroethane	13.965	117	76342	52.690	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	224652	53.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20431	54.878	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	135944	51.424	ug/l	99
94) Hexachlorobutadiene	15.111	225	68573	49.165	ug/l	99
95) Naphthalene	15.239	128	333233	57.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	125795	54.053	ug/l	99

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

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