

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
 Data File : VY006424.D
 Acq On : 21 Oct 2021 14:08
 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
 APPROVED

MMDadoda
 10/22/2021 7:08:30 PM

Quant Time: Oct 22 03:36:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	133956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66535	46.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.820%
35) Dibromofluoromethane	7.722	113	50855	47.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.400%
50) Toluene-d8	10.179	98	202048	44.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.483	95	71742	46.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60408	44.458	ug/l	99
3) Chloromethane	2.119	50	84779	53.569	ug/l	97
4) Vinyl Chloride	2.253	62	96834	55.208	ug/l	96
5) Bromomethane	2.650	94	65020	57.039	ug/l	100
6) Chloroethane	2.796	64	59826	57.968	ug/l	98
7) Trichlorofluoromethane	3.131	101	132005	57.137	ug/l	97
8) Diethyl Ether	3.534	74	44172	57.885	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	71410	57.900	ug/l	97
10) Methyl Iodide	4.101	142	64329	47.860	ug/l	96
11) Tert butyl alcohol	4.954	59	37974	302.788	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	69799	55.634	ug/l	95
13) Acrolein	3.729	56	22085	248.572	ug/l	100
14) Allyl chloride	4.485	41	144718	59.981	ug/l	97
15) Acrylonitrile	5.168	53	119056	296.632	ug/l	99
16) Acetone	3.954	43	135571	338.556	ug/l	98
17) Carbon Disulfide	4.198	76	209745	49.986	ug/l	99
18) Methyl Acetate	4.479	43	79628	58.972	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	221550	60.468	ug/l	99
20) Methylene Chloride	4.722	84	101782	75.656	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	77928	56.025	ug/l	95
22) Diisopropyl ether	6.125	45	292098	61.195	ug/l	94
23) Vinyl Acetate	6.064	43	863246	301.721	ug/l	99
24) 1,1-Dichloroethane	6.021	63	151683	59.193	ug/l	99
25) 2-Butanone	6.990	43	149665	268.311	ug/l	94
26) 2,2-Dichloropropane	6.984	77	128439	54.810	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	79289	50.898	ug/l	99
28) Bromochloromethane	7.338	49	55238	51.771	ug/l #	95
29) Tetrahydrofuran	7.350	42	89146	253.014	ug/l	95
30) Chloroform	7.509	83	135491	53.004	ug/l	98
31) Cyclohexane	7.789	56	122688	45.168	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	127653	54.084	ug/l	99
36) 1,1-Dichloropropene	7.917	75	102314	50.992	ug/l	99
37) Ethyl Acetate	7.076	43	60247	51.542	ug/l	99
38) Carbon Tetrachloride	7.905	117	115345	54.440	ug/l	98
39) Methylcyclohexane	9.185	83	124863	49.542	ug/l	98
40) Benzene	8.161	78	294771	51.781	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	36188m	47.727	ug/l	
42) 1,2-Dichloroethane	8.240	62	99590	54.297	ug/l	99
43) Isopropyl Acetate	8.277	43	117936	52.605	ug/l	97
44) Trichloroethene	8.941	130	78223	53.204	ug/l	97
45) 1,2-Dichloropropane	9.216	63	72498	51.731	ug/l	97
46) Dibromomethane	9.307	93	39383	52.776	ug/l	98
47) Bromodichloromethane	9.496	83	103614	53.926	ug/l	97
48) Methyl methacrylate	9.295	41	56269	52.317	ug/l	97
49) 1,4-Dioxane	9.301	88	10224	1050.120	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	311078	267.231	ug/l	98
52) Toluene	10.246	92	186422	52.797	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	111407	53.179	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	121017	52.546	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	55138	52.512	ug/l	98
56) Ethyl methacrylate	10.508	69	85209	53.390	ug/l	95
57) 1,3-Dichloropropane	10.795	76	99000	52.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	205398	262.661	ug/l	99
59) 2-Hexanone	10.831	43	230578	278.110	ug/l	99
60) Dibromochloromethane	10.990	129	70034	54.898	ug/l	100
61) 1,2-Dibromoethane	11.093	107	51203	51.502	ug/l	99
64) Tetrachloroethene	10.721	164	87816	58.667	ug/l	97
65) Chlorobenzene	11.520	112	194488	52.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	75118	55.351	ug/l	99
67) Ethyl Benzene	11.593	91	375088	54.035	ug/l	99
68) m/p-Xylenes	11.703	106	284360	107.951	ug/l	98
69) o-Xylene	12.032	106	137002	55.069	ug/l	96
70) Styrene	12.044	104	231026	54.682	ug/l	99
71) Bromoform	12.209	173	46149	54.680	ug/l #	99
73) Isopropylbenzene	12.331	105	365220	52.347	ug/l	100
74) N-amyl acetate	12.142	43	112181	51.804	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	59539	47.252	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	53848m	56.881	ug/l	
77) Bromobenzene	12.611	156	84806	51.844	ug/l	96
78) n-propylbenzene	12.672	91	452489	52.688	ug/l	99
79) 2-Chlorotoluene	12.758	91	246870	51.947	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	309841	53.111	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24138	50.106	ug/l	98
82) 4-Chlorotoluene	12.855	91	257517	52.392	ug/l	100
83) tert-Butylbenzene	13.075	119	265408	53.214	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	305581	53.047	ug/l	99
85) sec-Butylbenzene	13.258	105	401186	53.226	ug/l	99
86) p-Isopropyltoluene	13.367	119	342715	53.883	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	173119	53.416	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	171085	53.538	ug/l	99
89) n-Butylbenzene	13.696	91	322186	53.310	ug/l	99
90) Hexachloroethane	13.959	117	61489	53.234	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	150786	53.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12310	51.280	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	100939	53.900	ug/l	98
94) Hexachlorobutadiene	15.111	225	65625	53.716	ug/l	99
95) Naphthalene	15.239	128	191156	51.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	88222	53.152	ug/l	99

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

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