

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006356.D
 Acq On : 08 Oct 2021 13:21
 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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apatel
 10/15/2021 8:47:01 AM

Quant Time: Oct 11 03:17:27 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	143908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74026	48.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.120%
35) Dibromofluoromethane	7.728	113	53609	46.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.280%
50) Toluene-d8	10.185	98	222079	45.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.483	95	78945	47.789	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67558	46.282	ug/l	99
3) Chloromethane	2.119	50	82962	48.795	ug/l	96
4) Vinyl Chloride	2.253	62	93254	49.490	ug/l	99
5) Bromomethane	2.656	94	75589	61.725	ug/l	100
6) Chloroethane	2.802	64	57441	51.808	ug/l	96
7) Trichlorofluoromethane	3.131	101	127682	51.444	ug/l	92
8) Diethyl Ether	3.534	74	40929	49.926	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.911	101	64566	48.731	ug/l	98
10) Methyl Iodide	4.107	142	35474	24.567	ug/l	99
11) Tert butyl alcohol	4.966	59	32769	243.216	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	64808	48.083	ug/l	95
13) Acrolein	3.735	56	26413	274.633	ug/l	97
14) Allyl chloride	4.491	41	124945	48.204	ug/l	96
15) Acrylonitrile	5.167	53	110899	257.201	ug/l	100
16) Acetone	3.954	43	128646	299.045	ug/l	98
17) Carbon Disulfide	4.204	76	210638	46.728	ug/l	100
18) Methyl Acetate	4.485	43	74772	51.546	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	204078	51.848	ug/l	96
20) Methylene Chloride	4.728	84	78992	53.532	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	75045	50.221	ug/l	97
22) Diisopropyl ether	6.125	45	262933	51.275	ug/l	97
23) Vinyl Acetate	6.070	43	789980	257.018	ug/l	98
24) 1,1-Dichloroethane	6.027	63	138366	50.262	ug/l	99
25) 2-Butanone	6.990	43	162550	271.258	ug/l	96
26) 2,2-Dichloropropane	6.990	77	132809	52.756	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	83622	49.967	ug/l	98
28) Bromochloromethane	7.338	49	61496	53.651	ug/l	96
29) Tetrahydrofuran	7.356	42	96548	255.072	ug/l	97
30) Chloroform	7.514	83	144066	52.461	ug/l	97
31) Cyclohexane	7.789	56	135767	46.527	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	134773	53.151	ug/l	99
36) 1,1-Dichloropropene	7.923	75	110925	51.264	ug/l	99
37) Ethyl Acetate	7.082	43	64435	51.117	ug/l	99
38) Carbon Tetrachloride	7.905	117	123452	54.031	ug/l	98
39) Methylcyclohexane	9.185	83	136494	50.220	ug/l	97
40) Benzene	8.167	78	317719	51.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	35017m	42.825	ug/l	
42) 1,2-Dichloroethane	8.240	62	109116	55.166	ug/l	98
43) Isopropyl Acetate	8.277	43	126616	52.371	ug/l	97
44) Trichloroethene	8.941	130	82606	52.101	ug/l	94
45) 1,2-Dichloropropane	9.222	63	77769	51.458	ug/l	97
46) Dibromomethane	9.307	93	42670	53.024	ug/l	99
47) Bromodichloromethane	9.502	83	111072	53.605	ug/l	99
48) Methyl methacrylate	9.295	41	60702	52.336	ug/l	98
49) 1,4-Dioxane	9.301	88	10843	1032.731	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	337443	268.805	ug/l	98
52) Toluene	10.246	92	198215	52.055	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	119411	52.855	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	130972	52.734	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	59126	52.216	ug/l	98
56) Ethyl methacrylate	10.514	69	91564	53.201	ug/l	96
57) 1,3-Dichloropropane	10.794	76	107521	52.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	210672	249.819	ug/l	99
59) 2-Hexanone	10.837	43	251613	281.418	ug/l	98
60) Dibromochloromethane	10.989	129	74216	53.947	ug/l	100
61) 1,2-Dibromoethane	11.087	107	55599	51.858	ug/l	100
64) Tetrachloroethene	10.721	164	94110	57.065	ug/l	98
65) Chlorobenzene	11.520	112	209780	51.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	78340	52.394	ug/l	98
67) Ethyl Benzene	11.593	91	398088	52.052	ug/l	100
68) m/p-Xylenes	11.703	106	304481	104.914	ug/l	98
69) o-Xylene	12.032	106	145168	52.962	ug/l	97
70) Styrene	12.044	104	249759	53.656	ug/l	99
71) Bromoform	12.209	173	49318	53.038	ug/l #	99
73) Isopropylbenzene	12.331	105	387210	50.336	ug/l	100
74) N-amyl acetate	12.142	43	119428	50.020	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	64345	46.315	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	46439m	44.491	ug/l	
77) Bromobenzene	12.611	156	89834	49.808	ug/l	97
78) n-propylbenzene	12.672	91	477879	50.468	ug/l	99
79) 2-Chlorotoluene	12.757	91	262939	50.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	326688	50.789	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	26336	49.583	ug/l	97
82) 4-Chlorotoluene	12.855	91	276470	51.015	ug/l	99
83) tert-Butylbenzene	13.074	119	279577	50.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	324676	51.118	ug/l	99
85) sec-Butylbenzene	13.251	105	423594	50.971	ug/l	99
86) p-Isopropyltoluene	13.367	119	362482	51.688	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	182823	51.162	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	179208	50.862	ug/l	99
89) n-Butylbenzene	13.696	91	339825	50.997	ug/l	99
90) Hexachloroethane	13.958	117	64503	50.648	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	158283	50.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12786	48.308	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	106299	51.481	ug/l	99
94) Hexachlorobutadiene	15.111	225	68367	50.754	ug/l	99
95) Naphthalene	15.233	128	204277	49.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	91926	50.231	ug/l	99

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

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