

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006845.D
 Acq On : 19 Nov 2021 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 03:21:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	102769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	162818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	153416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71357	52.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.960%	
35) Dibromofluoromethane	7.728	113	51714	51.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.185	98	212663	51.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	12.483	95	72405	51.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50724	51.396	ug/l	97
3) Chloromethane	2.119	50	79268	53.389	ug/l	100
4) Vinyl Chloride	2.259	62	79736	52.896	ug/l	100
5) Bromomethane	2.656	94	46930	58.428	ug/l	99
6) Chloroethane	2.802	64	44499	48.253	ug/l	92
7) Trichlorofluoromethane	3.137	101	97002	51.348	ug/l	97
8) Diethyl Ether	3.540	74	32415	51.521	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.918	101	50272	50.106	ug/l	98
10) Methyl Iodide	4.101	142	62526	49.855	ug/l	97
11) Tert butyl alcohol	4.960	59	29739	146.816	ug/l	97
12) 1,1-Dichloroethene	3.881	96	49904	50.151	ug/l	98
13) Acrolein	3.735	56	5622	198.404	ug/l	100
14) Allyl chloride	4.491	41	111000	49.524	ug/l	98
15) Acrylonitrile	5.174	53	90024	248.072	ug/l	98
16) Acetone	3.954	43	79790	194.976	ug/l	100
17) Carbon Disulfide	4.210	76	171683	48.879	ug/l	99
18) Methyl Acetate	4.485	43	64447	48.650	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	161158	51.380	ug/l	98
20) Methylene Chloride	4.729	84	66107	54.450	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	57485	50.569	ug/l	96
22) Diisopropyl ether	6.131	45	227198	51.375	ug/l	97
23) Vinyl Acetate	6.070	43	670576	251.110	ug/l	98
24) 1,1-Dichloroethane	6.033	63	114861	50.885	ug/l	98
25) 2-Butanone	6.996	43	122425	207.778	ug/l	99
26) 2,2-Dichloropropane	6.996	77	100063	49.058	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	66691	51.945	ug/l	97
28) Bromochloromethane	7.344	49	49695	46.803	ug/l	93
29) Tetrahydrofuran	7.356	42	80417	236.794	ug/l	95
30) Chloroform	7.515	83	115475	53.215	ug/l	98
31) Cyclohexane	7.795	56	110963	46.872	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	104349	52.179	ug/l	99
36) 1,1-Dichloropropene	7.929	75	88741	50.143	ug/l	99
37) Ethyl Acetate	7.082	43	55269	46.710	ug/l	99
38) Carbon Tetrachloride	7.911	117	94456	52.181	ug/l	97
39) Methylcyclohexane	9.191	83	106313	49.256	ug/l	95
40) Benzene	8.167	78	254387	51.060	ug/l	99

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41) Methacrylonitrile	7.320	41	26706m	26.881	ug/l	
42) 1,2-Dichloroethane	8.246	62	87759	52.873	ug/l	100
43) Isopropyl Acetate	8.283	43	106758	48.098	ug/l	99
44) Trichloroethene	8.947	130	61293	50.572	ug/l	100
45) 1,2-Dichloropropane	9.222	63	65671	51.090	ug/l	99
46) Dibromomethane	9.313	93	33937	50.691	ug/l	97
47) Bromodichloromethane	9.502	83	88246	51.904	ug/l	99
48) Methyl methacrylate	9.301	41	49461	47.033	ug/l	97
49) 1,4-Dioxane	9.301	88	7872	1024.724	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	282985	242.044	ug/l	98
52) Toluene	10.252	92	156744	51.811	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	94336	51.045	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	103661	50.014	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	46869	52.440	ug/l	96
56) Ethyl methacrylate	10.514	69	70975	51.088	ug/l	98
57) 1,3-Dichloropropane	10.795	76	85325	52.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	174602	229.552	ug/l	98
59) 2-Hexanone	10.837	43	194283	228.702	ug/l	99
60) Dibromochloromethane	10.990	129	56803	51.847	ug/l	98
61) 1,2-Dibromoethane	11.093	107	42683	51.546	ug/l	96
64) Tetrachloroethene	10.727	164	56057	50.003	ug/l	99
65) Chlorobenzene	11.520	112	159304	51.039	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	60765	52.058	ug/l	99
67) Ethyl Benzene	11.593	91	311463	52.645	ug/l	97
68) m/p-Xylenes	11.703	106	235419	104.411	ug/l	100
69) o-Xylene	12.032	106	110483	51.725	ug/l	100
70) Styrene	12.044	104	191170	52.994	ug/l	100
71) Bromoform	12.209	173	36709	51.959	ug/l #	98
73) Isopropylbenzene	12.331	105	297834	51.979	ug/l	98
74) N-amyl acetate	12.148	43	95446	46.229	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	53141	50.126	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47161m	57.651	ug/l	
77) Bromobenzene	12.611	156	67037	51.372	ug/l	97
78) n-propylbenzene	12.672	91	368988	52.824	ug/l	99
79) 2-Chlorotoluene	12.758	91	201751	52.780	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	250445	53.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19493	47.216	ug/l	96
82) 4-Chlorotoluene	12.855	91	210198	52.605	ug/l	99
83) tert-Butylbenzene	13.075	119	212126	52.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	246605	52.596	ug/l	98
85) sec-Butylbenzene	13.257	105	320568	52.776	ug/l	99
86) p-Isopropyltoluene	13.373	119	268035	52.127	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	134648	51.812	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	130402	50.848	ug/l	100
89) n-Butylbenzene	13.696	91	252193	51.978	ug/l	99
90) Hexachloroethane	13.965	117	48588	52.433	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	115900	51.748	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9413	50.229	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	74875	51.101	ug/l	98
94) Hexachlorobutadiene	15.111	225	53662	56.129	ug/l	99
95) Naphthalene	15.239	128	142176	52.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	63777	52.235	ug/l	99

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

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