

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071921\
 Data File : VW019498.D
 Acq On : 19 Jul 2021 10:07
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:40:20 PM

Quant Time: Jul 20 04:26:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:18:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	316728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	525164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	483564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	242394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	39769	11.309	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.620%#		
35) Dibromofluoromethane	7.891	113	35371	11.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.040%#		
50) Toluene-d8	10.323	98	137833	11.095	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	22.200%#		
62) 4-Bromofluorobenzene	12.621	95	50184	10.769	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.540%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.020	85	21119	9.352	ug/l	99
3) Chloromethane	2.221	50	25857	9.447	ug/l	97
4) Vinyl Chloride	2.373	62	36854	9.879	ug/l	98
5) Bromomethane	2.794	94	21729	10.092	ug/l	94
6) Chloroethane	2.928	64	20252	9.575	ug/l	94
7) Trichlorofluoromethane	3.263	101	21011	8.836	ug/l	93
8) Diethyl Ether	3.696	74	18587	9.997	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.086	101	33074	9.887	ug/l	99
10) Methyl Iodide	4.288	142	41292	9.480	ug/l	100
11) Tert butyl alcohol	5.220	59	14347	57.992	ug/l #	85
12) 1,1-Dichloroethene	4.056	96	34348	9.866	ug/l	89
13) Acrolein	3.903	56	12814	60.858	ug/l	99
14) Allyl chloride	4.678	41	47122	9.424	ug/l	99
15) Acrylonitrile	5.379	53	43495	54.817	ug/l	100
16) Acetone	4.147	43	32133	55.783	ug/l	100
17) Carbon Disulfide	4.397	76	96865	9.727	ug/l	99
18) Methyl Acetate	4.690	43	21750	11.370	ug/l	96
19) Methyl tert-butyl Ether	5.434	73	50674	10.350	ug/l	95
20) Methylene Chloride	4.928	84	46773	10.885	ug/l	97
21) trans-1,2-Dichloroethene	5.434	96	36603	9.658	ug/l	94
22) Diisopropyl ether	6.318	45	108332	10.125	ug/l	91
23) Vinyl Acetate	6.269	43	329836	51.349	ug/l	98
24) 1,1-Dichloroethane	6.226	63	70763	9.903	ug/l	100
25) 2-Butanone	7.183	43	55006	55.511	ug/l	98
26) 2,2-Dichloropropane	7.171	77	37995	9.988	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	40966	9.690	ug/l	98
28) Bromochloromethane	7.519	49	29972	10.505	ug/l	99
29) Tetrahydrofuran	7.543	42	37037	56.264	ug/l	99
30) Chloroform	7.683	83	69991	10.023	ug/l	98
31) Cyclohexane	7.958	56	68387	10.276	ug/l #	90
32) 1,1,1-Trichloroethane	7.878	97	50768	9.790	ug/l	98
36) 1,1-Dichloropropene	8.086	75	55441	9.903	ug/l	99
37) Ethyl Acetate	7.263	43	25391	10.821	ug/l	99
38) Carbon Tetrachloride	8.073	117	47797	9.773	ug/l	94
39) Methylcyclohexane	9.341	83	62717	9.425	ug/l	99
40) Benzene	8.329	78	155443	9.920	ug/l	99

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41) Methacrylonitrile	7.488	41	13824	10.377	ug/l	89
42) 1,2-Dichloroethane	8.403	62	46992	10.395	ug/l	100
43) Isopropyl Acetate	8.427	43	47042	10.725	ug/l	99
44) Trichloroethene	9.098	130	38652	9.788	ug/l	92
45) 1,2-Dichloropropane	9.372	63	39881	10.078	ug/l	98
46) Dibromomethane	9.463	93	21099	10.511	ug/l	100
47) Bromodichloromethane	9.646	83	50290	9.974	ug/l	98
48) Methyl methacrylate	9.439	41	20662	10.281	ug/l	99
49) 1,4-Dioxane	9.470	88	6743	227.055	ug/l #	98
51) 4-Methyl-2-Pentanone	10.213	43	127553	56.377	ug/l	98
52) Toluene	10.390	92	96548	9.926	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	50867	9.890	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	60604	9.903	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	30113	10.651	ug/l	98
56) Ethyl methacrylate	10.646	69	37225	10.056	ug/l	96
57) 1,3-Dichloropropane	10.933	76	53239	10.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	95107	55.515	ug/l	98
59) 2-Hexanone	10.969	43	84932	56.581	ug/l	97
60) Dibromochloromethane	11.134	129	31074	10.004	ug/l	97
61) 1,2-Dibromoethane	11.237	107	27566	10.329	ug/l	99
64) Tetrachloroethene	10.866	164	31617	9.735	ug/l	96
65) Chlorobenzene	11.658	112	101000	9.819	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	34570	9.771	ug/l	99
67) Ethyl Benzene	11.731	91	179601	9.538	ug/l	99
68) m/p-Xylenes	11.841	106	139354	19.360	ug/l	99
69) o-Xylene	12.164	106	64280	9.552	ug/l	96
70) Styrene	12.182	104	110909	9.756	ug/l	100
71) Bromoform	12.353	173	17626	9.992	ug/l #	93
73) Isopropylbenzene	12.463	105	171712	9.324	ug/l	99
74) N-amyl acetate	12.274	43	43996	10.441	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	36574	10.560	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	26104m	10.897	ug/l	
77) Bromobenzene	12.749	156	39746	9.574	ug/l	97
78) n-propylbenzene	12.804	91	217798	9.459	ug/l	99
79) 2-Chlorotoluene	12.890	91	130503	9.640	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	149131	9.496	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	10318	9.816	ug/l	94
82) 4-Chlorotoluene	12.987	91	136305	9.737	ug/l	99
83) tert-Butylbenzene	13.207	119	126191	9.471	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	151481	9.638	ug/l	99
85) sec-Butylbenzene	13.383	105	195258	9.534	ug/l	100
86) p-Isopropyltoluene	13.499	119	163537	9.691	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	82774	9.741	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	84824	10.085	ug/l	97
89) n-Butylbenzene	13.822	91	157911	9.558	ug/l	98
90) Hexachloroethane	14.091	117	27876	9.370	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	73591	9.847	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6117	10.652	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	49874	9.886	ug/l	99
94) Hexachlorobutadiene	15.237	225	28694	10.054	ug/l	98
95) Naphthalene	15.365	128	93889	10.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	46873	10.629	ug/l	97

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

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