

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019662.D
 Acq On : 03 Aug 2021 16:08
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080321

Manual Integrations
 APPROVED

MMDadoda
 8/4/2021 7:04:20 PM

Quant Time: Aug 04 06:47:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 16:22:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	661156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	1117040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	1018470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	503478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	426539	50.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.420%	
35) Dibromofluoromethane	7.891	113	381446	51.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.323	98	1494189	51.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.621	95	549132	53.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	189558	51.109	ug/l	99
3) Chloromethane	2.215	50	244739	48.441	ug/l	98
4) Vinyl Chloride	2.367	62	358810	48.774	ug/l	100
5) Bromomethane	2.788	94	276389	50.198	ug/l	98
6) Chloroethane	2.928	64	238901	51.077	ug/l	100
7) Trichlorofluoromethane	3.263	101	275630	49.346	ug/l	100
8) Diethyl Ether	3.684	74	178515	51.633	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.068	101	331569	49.651	ug/l	98
10) Methyl Iodide	4.282	142	439650	51.095	ug/l	98
11) Tert butyl alcohol	5.196	59	99498	276.933	ug/l	98
12) 1,1-Dichloroethene	4.050	96	335046	50.859	ug/l	95
13) Acrolein	3.904	56	96855	270.069	ug/l	98
14) Allyl chloride	4.672	41	501905	52.808	ug/l	91
15) Acrylonitrile	5.373	53	379109	254.822	ug/l	99
16) Acetone	4.135	43	299326	240.844	ug/l	93
17) Carbon Disulfide	4.391	76	899753	51.647	ug/l	99
18) Methyl Acetate	4.678	43	171031	48.816	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	522338	53.924	ug/l	100
20) Methylene Chloride	4.922	84	421830	52.032	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	378429	51.843	ug/l	96
22) Diisopropyl ether	6.318	45	1078374	53.273	ug/l	99
23) Vinyl Acetate	6.257	43	3224863	273.176	ug/l	100
24) 1,1-Dichloroethane	6.220	63	714202	51.121	ug/l	99
25) 2-Butanone	7.177	43	458499	255.130	ug/l	95
26) 2,2-Dichloropropane	7.171	77	391826	50.530	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	423875	52.678	ug/l	99
28) Bromochloromethane	7.519	49	280494	50.948	ug/l	99
29) Tetrahydrofuran	7.537	42	300974	261.204	ug/l	97
30) Chloroform	7.683	83	717803	50.625	ug/l	100
31) Cyclohexane	7.958	56	593631	48.172	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	568083	51.619	ug/l	99
36) 1,1-Dichloropropene	8.086	75	555813	50.773	ug/l	99
37) Ethyl Acetate	7.257	43	222781	52.473	ug/l	99
38) Carbon Tetrachloride	8.074	117	525136	51.784	ug/l	99
39) Methylcyclohexane	9.335	83	660112	52.502	ug/l	98
40) Benzene	8.323	78	1540726	51.103	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	126427	52.836	ug/l	93
42) 1,2-Dichloroethane	8.403	62	477068	50.556	ug/l	99
43) Isopropyl Acetate	8.427	43	419343	52.071	ug/l	99
44) Trichloroethene	9.098	130	390190	50.316	ug/l	97
45) 1,2-Dichloropropane	9.372	63	388050	50.823	ug/l	100
46) Dibromomethane	9.464	93	201603	49.923	ug/l	98
47) Bromodichloromethane	9.646	83	524918	52.049	ug/l	99
48) Methyl methacrylate	9.439	41	207245	57.904	ug/l	93
49) 1,4-Dioxane	9.470	88	57912	1101.797	ug/l #	98
51) 4-Methyl-2-Pentanone	10.213	43	1091489	259.057	ug/l	98
52) Toluene	10.390	92	983747	51.796	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	520351	52.848	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	609220	52.919	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	283523	50.228	ug/l	97
56) Ethyl methacrylate	10.646	69	363907	53.606	ug/l	94
57) 1,3-Dichloropropane	10.933	76	500850	50.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	832428	263.991	ug/l	100
59) 2-Hexanone	10.969	43	733672	258.259	ug/l	97
60) Dibromochloromethane	11.128	129	318446	51.865	ug/l	99
61) 1,2-Dibromoethane	11.238	107	265640	50.469	ug/l	98
64) Tetrachloroethene	10.866	164	316406	50.057	ug/l	93
65) Chlorobenzene	11.658	112	1037307	51.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	360138	52.033	ug/l	98
67) Ethyl Benzene	11.731	91	1953626	53.312	ug/l	99
68) m/p-Xylenes	11.841	106	1485050	106.090	ug/l	99
69) o-Xylene	12.164	106	701426	54.083	ug/l	98
70) Styrene	12.183	104	1176589	53.681	ug/l	99
71) Bromoform	12.347	173	176768	53.165	ug/l #	95
73) Isopropylbenzene	12.463	105	1920111	53.871	ug/l	99
74) N-amyl acetate	12.274	43	393537	52.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	330840	50.527	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	227539m	47.469	ug/l	
77) Bromobenzene	12.749	156	398386	50.922	ug/l	97
78) n-propylbenzene	12.804	91	2370482	54.090	ug/l	100
79) 2-Chlorotoluene	12.890	91	1362694	53.032	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	1632349	53.721	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	94718	45.844	ug/l	94
82) 4-Chlorotoluene	12.987	91	1408824	52.718	ug/l	99
83) tert-Butylbenzene	13.207	119	1410843	54.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	1620669	53.567	ug/l	100
85) sec-Butylbenzene	13.384	105	2157972	54.426	ug/l	99
86) p-Isopropyltoluene	13.499	119	1790070	55.021	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	853966	51.809	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	828967	50.585	ug/l	99
89) n-Butylbenzene	13.822	91	1709707	53.417	ug/l	99
90) Hexachloroethane	14.091	117	316834	53.380	ug/l	94
91) 1,2-Dichlorobenzene	13.871	146	751094	51.872	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	55009	51.582	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	474738	52.847	ug/l	96
94) Hexachlorobutadiene	15.231	225	269502	51.609	ug/l	97
95) Naphthalene	15.365	128	942079	49.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	415780	52.362	ug/l	98

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

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