

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090921\
 Data File : VW020009.D
 Acq On : 09 Sep 2021 18:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 6:38:39 PM

Quant Time: Sep 10 03:47:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:18:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	201295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	319698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	306447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	163804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	110961	47.484	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.960%		
35) Dibromofluoromethane	7.890	113	98047	46.701	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.400%		
50) Toluene-d8	10.323	98	383865	49.186	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.621	95	149578	51.799	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	61721	50.490	ug/l	98
3) Chloromethane	2.221	50	84303	46.329	ug/l	99
4) Vinyl Chloride	2.373	62	148216	50.234	ug/l	97
5) Bromomethane	2.782	94	114670	47.937	ug/l	96
6) Chloroethane	2.934	64	102587	50.474	ug/l	99
7) Trichlorofluoromethane	3.269	101	85693	50.762	ug/l	96
8) Diethyl Ether	3.690	74	56554	54.708	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	112941	51.240	ug/l	99
10) Methyl Iodide	4.281	142	160072	53.027	ug/l	100
11) Tert butyl alcohol	5.165	59	35870	320.695	ug/l #	85
12) 1,1-Dichloroethene	4.050	96	109872	52.901	ug/l	96
13) Acrolein	3.897	56	19916	233.678	ug/l	95
14) Allyl chloride	4.671	41	152460	53.971	ug/l	99
15) Acrylonitrile	5.366	53	124314	288.591	ug/l	99
16) Acetone	4.123	43	97401	259.508	ug/l	98
17) Carbon Disulfide	4.391	76	324774	51.385	ug/l	100
18) Methyl Acetate	4.671	43	60420	56.703	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	160551	58.589	ug/l	95
20) Methylene Chloride	4.921	84	127207	54.085	ug/l	98
21) trans-1,2-Dichloroethene	5.434	96	126696	53.707	ug/l	97
22) Diisopropyl ether	6.318	45	335347	56.024	ug/l	99
23) Vinyl Acetate	6.257	43	944424	257.023	ug/l	99
24) 1,1-Dichloroethane	6.220	63	225058	53.096	ug/l	98
25) 2-Butanone	7.171	43	157668	293.005	ug/l	98
26) 2,2-Dichloropropane	7.171	77	128774	50.242	ug/l	99
27) cis-1,2-Dichloroethene	7.177	96	138294	54.893	ug/l	99
28) Bromochloromethane	7.519	49	87858	52.223	ug/l	99
29) Tetrahydrofuran	7.531	42	101480	303.126	ug/l	100
30) Chloroform	7.683	83	236619	52.978	ug/l	100
31) Cyclohexane	7.964	56	193802	50.874	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	190215	52.631	ug/l	99
36) 1,1-Dichloropropene	8.085	75	186102	55.336	ug/l	99
37) Ethyl Acetate	7.256	43	73756	59.649	ug/l	98
38) Carbon Tetrachloride	8.073	117	179576	52.365	ug/l	93
39) Methylcyclohexane	9.341	83	221951	56.945	ug/l	99
40) Benzene	8.329	78	506348	54.656	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	37355	54.577	ug/l	98
42) 1,2-Dichloroethane	8.403	62	157628	55.415	ug/l	99
43) Isopropyl Acetate	8.427	43	139543	59.462	ug/l	98
44) Trichloroethene	9.098	130	130253	53.585	ug/l	100
45) 1,2-Dichloropropane	9.372	63	122986	54.598	ug/l	97
46) Dibromomethane	9.457	93	69232	54.480	ug/l	97
47) Bromodichloromethane	9.646	83	170728	53.925	ug/l	98
48) Methyl methacrylate	9.439	41	61422	52.073	ug/l	99
49) 1,4-Dioxane	9.445	88	19106	1056.947	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	370355	304.368	ug/l	100
52) Toluene	10.390	92	331713	56.558	ug/l	100
53) t-1,3-Dichloropropene	10.609	75	171243	56.382	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	193541	54.737	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	94687	54.980	ug/l	96
56) Ethyl methacrylate	10.646	69	119398	53.150	ug/l	99
57) 1,3-Dichloropropane	10.933	76	166808	56.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	231780	263.565	ug/l	100
59) 2-Hexanone	10.969	43	253243	311.426	ug/l	99
60) Dibromochloromethane	11.128	129	111877	56.114	ug/l	99
61) 1,2-Dibromoethane	11.237	107	90514	56.130	ug/l	98
64) Tetrachloroethene	10.865	164	110795	52.105	ug/l	95
65) Chlorobenzene	11.658	112	352515	53.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	123836	52.756	ug/l	97
67) Ethyl Benzene	11.731	91	651807	56.093	ug/l	98
68) m/p-Xylenes	11.841	106	511149	111.461	ug/l	99
69) o-Xylene	12.170	106	244590	53.014	ug/l	98
70) Styrene	12.182	104	417078	52.905	ug/l	99
71) Bromoform	12.353	173	64403	55.726	ug/l #	97
73) Isopropylbenzene	12.469	105	652299	50.520	ug/l	99
74) N-amyl acetate	12.274	43	139234	50.949	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	115067	54.064	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	80879m	53.155	ug/l	
77) Bromobenzene	12.749	156	146700	54.564	ug/l	99
78) n-propylbenzene	12.804	91	834420	52.241	ug/l	99
79) 2-Chlorotoluene	12.896	91	478953	56.381	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	579624	51.971	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	34269	48.745	ug/l	97
82) 4-Chlorotoluene	12.987	91	493876	55.301	ug/l	99
83) tert-Butylbenzene	13.207	119	487680	51.400	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	576552	52.666	ug/l	98
85) sec-Butylbenzene	13.383	105	743599	52.527	ug/l	99
86) p-Isopropyltoluene	13.499	119	630577	52.441	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	305648	53.617	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	306116	54.107	ug/l	98
89) n-Butylbenzene	13.822	91	609573	53.030	ug/l	99
90) Hexachloroethane	14.091	117	113768	54.418	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	272525	55.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	19926	57.057	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	166696	55.217	ug/l	99
94) Hexachlorobutadiene	15.231	225	97223	54.223	ug/l	99
95) Naphthalene	15.365	128	318892	54.048	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	142987	54.036	ug/l	97

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

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