

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019985.D
 Acq On : 07 Sep 2021 14:06
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090721

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:11:55 PM

Quant Time: Sep 08 12:21:39 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	7.952	168	199638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	326012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	297249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	158724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	111301	48.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.040%		
35) Dibromofluoromethane	7.891	113	99603	46.523	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.040%		
50) Toluene-d8	10.323	98	382821	48.103	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.622	95	147041	49.934	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	66545	54.888	ug/l	97
3) Chloromethane	2.221	50	93354	51.728	ug/l	97
4) Vinyl Chloride	2.373	62	147812	50.512	ug/l	98
5) Bromomethane	2.788	94	116658	49.173	ug/l	99
6) Chloroethane	2.934	64	103008	51.101	ug/l	98
7) Trichlorofluoromethane	3.270	101	87764	52.420	ug/l	99
8) Diethyl Ether	3.690	74	57294	55.884	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	109621	50.147	ug/l	100
10) Methyl Iodide	4.275	142	159133	53.154	ug/l	99
11) Tert butyl alcohol	5.172	59	31460	283.602	ug/l	99
12) 1,1-Dichloroethene	4.050	96	108669	52.756	ug/l	98
13) Acrolein	3.897	56	19220	227.384	ug/l	97
14) Allyl chloride	4.678	41	157734	56.302	ug/l	99
15) Acrylonitrile	5.373	53	120714	282.560	ug/l	100
16) Acetone	4.129	43	106891	287.156	ug/l	96
17) Carbon Disulfide	4.391	76	328325	52.378	ug/l	99
18) Methyl Acetate	4.678	43	58103	54.981	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	157496	57.952	ug/l	96
20) Methylene Chloride	4.928	84	124171	53.158	ug/l	98
21) trans-1,2-Dichloroethene	5.434	96	124205	53.088	ug/l	97
22) Diisopropyl ether	6.318	45	333591	56.193	ug/l	99
23) Vinyl Acetate	6.263	43	954745	261.652	ug/l	98
24) 1,1-Dichloroethane	6.220	63	219752	52.274	ug/l	97
25) 2-Butanone	7.177	43	154138	288.823	ug/l	95
26) 2,2-Dichloropropane	7.171	77	133308	52.442	ug/l	99
27) cis-1,2-Dichloroethene	7.177	96	135038	54.046	ug/l	98
28) Bromochloromethane	7.519	49	85086	50.995	ug/l	100
29) Tetrahydrofuran	7.531	42	98913	297.911	ug/l	99
30) Chloroform	7.683	83	229142	51.730	ug/l	97
31) Cyclohexane	7.964	56	196506	52.012	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	188408	52.563	ug/l	99
36) 1,1-Dichloropropene	8.086	75	183891	53.620	ug/l	99
37) Ethyl Acetate	7.257	43	71465	56.677	ug/l	98
38) Carbon Tetrachloride	8.074	117	180116	51.505	ug/l	91
39) Methylcyclohexane	9.342	83	222351	55.943	ug/l	98
40) Benzene	8.330	78	489429	51.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	40457	57.965	ug/l	96
42) 1,2-Dichloroethane	8.403	62	156032	53.791	ug/l	99
43) Isopropyl Acetate	8.427	43	136429	57.009	ug/l	98
44) Trichloroethene	9.092	130	128576	51.870	ug/l	95
45) 1,2-Dichloropropane	9.372	63	121245	52.782	ug/l	98
46) Dibromomethane	9.457	93	68149	52.589	ug/l	99
47) Bromodichloromethane	9.646	83	169008	52.348	ug/l	100
48) Methyl methacrylate	9.439	41	65441	54.174	ug/l	94
49) 1,4-Dioxane	9.451	88	19010	1032.598	ug/l #	98
51) 4-Methyl-2-Pentanone	10.207	43	355036	286.127	ug/l	100
52) Toluene	10.390	92	321986	53.836	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	170632	55.093	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	197235	54.701	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	91283	51.977	ug/l	96
56) Ethyl methacrylate	10.646	69	118191	51.712	ug/l	100
57) 1,3-Dichloropropane	10.933	76	160149	53.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	236986	264.266	ug/l	100
59) 2-Hexanone	10.969	43	244361	294.683	ug/l	99
60) Dibromochloromethane	11.128	129	106342	52.305	ug/l	100
61) 1,2-Dibromoethane	11.238	107	87308	53.093	ug/l	99
64) Tetrachloroethene	10.866	164	108537	52.623	ug/l	96
65) Chlorobenzene	11.658	112	340739	53.334	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	123372	54.185	ug/l	98
67) Ethyl Benzene	11.731	91	641406	56.906	ug/l	99
68) m/p-Xylenes	11.841	106	500080	112.422	ug/l	99
69) o-Xylene	12.164	106	235067	52.541	ug/l	100
70) Styrene	12.183	104	403266	52.741	ug/l	99
71) Bromoform	12.353	173	62533	55.782	ug/l #	98
73) Isopropylbenzene	12.463	105	629484	50.322	ug/l	99
74) N-amyl acetate	12.274	43	137645	51.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	111660	54.142	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	79326m	53.803	ug/l	
77) Bromobenzene	12.750	156	139677	53.615	ug/l	97
78) n-propylbenzene	12.804	91	802671	51.871	ug/l	99
79) 2-Chlorotoluene	12.890	91	461857	56.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	559050	51.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	34913	51.088	ug/l	98
82) 4-Chlorotoluene	12.987	91	480678	55.546	ug/l	99
83) tert-Butylbenzene	13.207	119	464225	50.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	559889	52.778	ug/l	99
85) sec-Butylbenzene	13.384	105	723950	52.771	ug/l	98
86) p-Isopropyltoluene	13.499	119	605560	51.984	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	296898	53.749	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	282152	51.467	ug/l	97
89) n-Butylbenzene	13.823	91	586761	52.688	ug/l	99
90) Hexachloroethane	14.091	117	111595	55.087	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	259610	54.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	19539	57.740	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	169416	57.914	ug/l	97
94) Hexachlorobutadiene	15.231	225	91055	52.408	ug/l	92
95) Naphthalene	15.365	128	313289	54.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	143545	55.983	ug/l	99

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

