

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW019994.D
 Acq On : 08 Sep 2021 09:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

9/10/2021 10:50:05 AM

Quant Time: Sep 09 04:07:38 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	214577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	320091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	303281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	161008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	105411	42.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.640%
35) Dibromofluoromethane	7.885	113	97371	46.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.640%
50) Toluene-d8	10.323	98	383789	49.116	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.615	95	147701	51.086	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	65551	50.304	ug/l	96
3) Chloromethane	2.221	50	87755	45.241	ug/l	99
4) Vinyl Chloride	2.373	62	152572	48.509	ug/l	98
5) Bromomethane	2.788	94	116766	45.792	ug/l	97
6) Chloroethane	2.928	64	102190	47.166	ug/l	100
7) Trichlorofluoromethane	3.263	101	97427	54.140	ug/l	98
8) Diethyl Ether	3.684	74	52312	47.473	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.074	101	112828	48.020	ug/l	99
10) Methyl Iodide	4.275	142	154047	47.873	ug/l	99
11) Tert butyl alcohol	5.184	59	27348	229.370	ug/l	99
12) 1,1-Dichloroethene	4.044	96	109841	49.612	ug/l	96
13) Acrolein	3.897	56	17383	191.333	ug/l	97
14) Allyl chloride	4.672	41	146559	48.671	ug/l	100
15) Acrylonitrile	5.367	53	109754	239.019	ug/l	100
16) Acetone	4.129	43	111213	277.966	ug/l	93
17) Carbon Disulfide	4.391	76	323997	48.089	ug/l	100
18) Methyl Acetate	4.672	43	50046	44.060	ug/l	97
19) Methyl tert-butyl Ether	5.428	73	144281	49.393	ug/l	97
20) Methylene Chloride	4.916	84	114416	44.902	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	121572	48.345	ug/l	97
22) Diisopropyl ether	6.312	45	301880	47.311	ug/l	99
23) Vinyl Acetate	6.257	43	854620	220.817	ug/l	100
24) 1,1-Dichloroethane	6.220	63	209376	46.339	ug/l	99
25) 2-Butanone	7.171	43	145389	253.462	ug/l	99
26) 2,2-Dichloropropane	7.171	77	137337	50.266	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	128045	47.679	ug/l	100
28) Bromochloromethane	7.513	49	77783	43.372	ug/l	99
29) Tetrahydrofuran	7.531	42	87415	244.951	ug/l	100
30) Chloroform	7.677	83	214490	45.051	ug/l	97
31) Cyclohexane	7.958	56	191587	47.179	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	182269	47.310	ug/l	99
36) 1,1-Dichloropropene	8.086	75	176411	52.390	ug/l	100
37) Ethyl Acetate	7.257	43	64610	52.188	ug/l	99
38) Carbon Tetrachloride	8.073	117	176946	51.535	ug/l	100
39) Methylcyclohexane	9.335	83	216532	55.487	ug/l	99
40) Benzene	8.323	78	463459	49.965	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	36107	52.689	ug/l	96
42) 1,2-Dichloroethane	8.403	62	139020	48.813	ug/l	99
43) Isopropyl Acetate	8.427	43	121840	51.855	ug/l	98
44) Trichloroethene	9.092	130	125719	51.656	ug/l	99
45) 1,2-Dichloropropane	9.372	63	111682	49.519	ug/l	99
46) Dibromomethane	9.463	93	61333	48.205	ug/l	99
47) Bromodichloromethane	9.646	83	157608	49.720	ug/l	96
48) Methyl methacrylate	9.439	41	57285	48.861	ug/l	94
49) 1,4-Dioxane	9.457	88	15480	865.745	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	328516	269.652	ug/l	100
52) Toluene	10.390	92	311964	53.125	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	157316	51.733	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	178688	50.474	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	82730	47.979	ug/l	96
56) Ethyl methacrylate	10.646	69	107911	48.372	ug/l	99
57) 1,3-Dichloropropane	10.933	76	147596	49.893	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	225598	256.221	ug/l	97
59) 2-Hexanone	10.969	43	234725	288.299	ug/l	100
60) Dibromochloromethane	11.128	129	100146	50.169	ug/l	100
61) 1,2-Dibromoethane	11.238	107	81103	50.232	ug/l	98
64) Tetrachloroethene	10.866	164	104861	49.829	ug/l	93
65) Chlorobenzene	11.658	112	321973	49.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	116372	50.094	ug/l	98
67) Ethyl Benzene	11.731	91	618478	53.780	ug/l	100
68) m/p-Xylenes	11.841	106	474513	104.552	ug/l	100
69) o-Xylene	12.164	106	220136	48.348	ug/l	100
70) Styrene	12.183	104	377304	48.505	ug/l	99
71) Bromoform	12.347	173	58924	51.517	ug/l #	98
73) Isopropylbenzene	12.463	105	614906	48.540	ug/l	100
74) N-amyl acetate	12.274	43	123503	46.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	102038	48.775	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	69624m	46.553	ug/l	
77) Bromobenzene	12.749	156	131469	49.748	ug/l	99
78) n-propylbenzene	12.804	91	765552	48.851	ug/l	98
79) 2-Chlorotoluene	12.890	91	432357	51.780	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	541469	49.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	32414	47.025	ug/l	97
82) 4-Chlorotoluene	12.987	91	457664	52.136	ug/l	99
83) tert-Butylbenzene	13.207	119	459873	49.396	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	525704	48.947	ug/l	97
85) sec-Butylbenzene	13.384	105	691270	49.735	ug/l	100
86) p-Isopropyltoluene	13.499	119	586240	49.672	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	276317	49.313	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	275277	49.501	ug/l	99
89) n-Butylbenzene	13.822	91	578626	51.257	ug/l	99
90) Hexachloroethane	14.091	117	108088	52.599	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	245554	50.454	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	17735	51.665	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	153930	51.874	ug/l	99
94) Hexachlorobutadiene	15.231	225	92862	52.690	ug/l	100
95) Naphthalene	15.365	128	287057	49.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	130618	50.219	ug/l	98

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

