

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090721\
 Data File : VW019992.D
 Acq On : 07 Sep 2021 19:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:12:07 PM

Quant Time: Sep 08 12:29:02 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	189823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	305127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	280347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	153063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	109641	49.754	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.500%		
35) Dibromofluoromethane	7.891	113	100221	50.016	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.040%		
50) Toluene-d8	10.329	98	380358	51.065	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.120%		
62) 4-Bromofluorobenzene	12.615	95	145055	52.631	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	61977	53.763	ug/l	95
3) Chloromethane	2.221	50	85750	49.972	ug/l	100
4) Vinyl Chloride	2.373	62	142938	51.372	ug/l	97
5) Bromomethane	2.788	94	116795	51.777	ug/l	99
6) Chloroethane	2.934	64	104205	54.368	ug/l	99
7) Trichlorofluoromethane	3.270	101	80067	50.295	ug/l	95
8) Diethyl Ether	3.690	74	54033	55.429	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	104570	50.310	ug/l	98
10) Methyl Iodide	4.282	142	152628	53.617	ug/l	99
11) Tert butyl alcohol	5.208	59	28153	266.913	ug/l	99
12) 1,1-Dichloroethene	4.050	96	103538	52.864	ug/l	96
13) Acrolein	3.898	56	16559	206.032	ug/l	96
14) Allyl chloride	4.672	41	142837	53.621	ug/l	99
15) Acrylonitrile	5.373	53	113786	280.115	ug/l	99
16) Acetone	4.141	43	87400	246.935	ug/l	95
17) Carbon Disulfide	4.391	76	305284	51.220	ug/l	100
18) Methyl Acetate	4.678	43	57138	56.864	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	148289	57.385	ug/l	99
20) Methylene Chloride	4.922	84	125691	56.895	ug/l	98
21) trans-1,2-Dichloroethene	5.434	96	119087	53.532	ug/l	98
22) Diisopropyl ether	6.318	45	307927	54.552	ug/l	97
23) Vinyl Acetate	6.263	43	870383	251.583	ug/l	100
24) 1,1-Dichloroethane	6.220	63	208140	52.072	ug/l	98
25) 2-Butanone	7.177	43	137046	270.074	ug/l	94
26) 2,2-Dichloropropane	7.171	77	119149	49.296	ug/l	98
27) cis-1,2-Dichloroethene	7.177	96	127888	53.831	ug/l	100
28) Bromochloromethane	7.513	49	78107	49.232	ug/l	99
29) Tetrahydrofuran	7.537	42	91276	289.124	ug/l	100
30) Chloroform	7.683	83	213885	50.782	ug/l	96
31) Cyclohexane	7.964	56	180523	50.252	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	176909	51.907	ug/l	100
36) 1,1-Dichloropropene	8.086	75	168813	52.593	ug/l	99
37) Ethyl Acetate	7.257	43	67666	57.337	ug/l	98
38) Carbon Tetrachloride	8.080	117	163409	49.926	ug/l	99
39) Methylcyclohexane	9.342	83	203725	54.765	ug/l	98
40) Benzene	8.330	78	462987	52.363	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	36407	55.732	ug/l	99
42) 1,2-Dichloroethane	8.403	62	143003	52.674	ug/l	100
43) Isopropyl Acetate	8.427	43	126289	56.384	ug/l	99
44) Trichloroethene	9.098	130	122142	52.648	ug/l	99
45) 1,2-Dichloropropane	9.372	63	114247	53.140	ug/l	99
46) Dibromomethane	9.464	93	64441	53.131	ug/l	99
47) Bromodichloromethane	9.646	83	157354	52.074	ug/l	98
48) Methyl methacrylate	9.439	41	59764	52.986	ug/l	95
49) 1,4-Dioxane	9.470	88	17521	1017.694	ug/l #	98
51) 4-Methyl-2-Pentanone	10.213	43	340084	292.837	ug/l	100
52) Toluene	10.390	92	303547	54.227	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	157239	54.244	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	182817	54.173	ug/l	100
55) 1,1,2-Trichloroethane	10.793	97	87255	53.084	ug/l	94
56) Ethyl methacrylate	10.646	69	111122	51.929	ug/l	98
57) 1,3-Dichloropropane	10.933	76	153915	54.581	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	221937	264.424	ug/l	99
59) 2-Hexanone	10.969	43	230751	297.317	ug/l	100
60) Dibromochloromethane	11.128	129	101868	53.534	ug/l	97
61) 1,2-Dibromoethane	11.238	107	83098	53.992	ug/l	98
64) Tetrachloroethene	10.866	164	98302	50.534	ug/l	98
65) Chlorobenzene	11.658	112	317473	52.688	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	115544	53.806	ug/l	98
67) Ethyl Benzene	11.731	91	595909	56.057	ug/l	100
68) m/p-Xylenes	11.841	106	473770	112.928	ug/l	97
69) o-Xylene	12.170	106	221545	52.505	ug/l	99
70) Styrene	12.183	104	372204	51.650	ug/l	99
71) Bromoform	12.347	173	61836	58.486	ug/l #	95
73) Isopropylbenzene	12.463	105	594943	49.363	ug/l	100
74) N-amyl acetate	12.274	43	127850	50.134	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	106617	53.609	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	75801m	53.314	ug/l	
77) Bromobenzene	12.750	156	130054	51.767	ug/l	97
78) n-propylbenzene	12.804	91	743261	49.862	ug/l	98
79) 2-Chlorotoluene	12.890	91	427861	53.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	525685	50.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	32300	49.141	ug/l	99
82) 4-Chlorotoluene	12.987	91	447949	53.678	ug/l	100
83) tert-Butylbenzene	13.207	119	445196	50.263	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	518090	50.695	ug/l	97
85) sec-Butylbenzene	13.384	105	674586	51.026	ug/l	100
86) p-Isopropyltoluene	13.499	119	562012	50.080	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	278851	52.349	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	272427	51.531	ug/l	100
89) n-Butylbenzene	13.823	91	540379	50.376	ug/l	99
90) Hexachloroethane	14.091	117	102528	52.483	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	248432	53.695	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	18675	57.228	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	154468	54.757	ug/l	97
94) Hexachlorobutadiene	15.231	225	84796	50.611	ug/l	93
95) Naphthalene	15.365	128	302230	54.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	136300	55.123	ug/l	97

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

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