

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090921\
 Data File : VW020003.D
 Acq On : 09 Sep 2021 12:31
 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 6:38:32 PM

Quant Time: Sep 10 03:46:11 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	215705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	346215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	321052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	162098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	119299	47.641	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.280%		
35) Dibromofluoromethane	7.891	113	106919	47.026	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.060%		
50) Toluene-d8	10.323	98	413772	48.958	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.621	95	157722	50.436	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	58811	44.895	ug/l	99
3) Chloromethane	2.215	50	82508	42.313	ug/l	100
4) Vinyl Chloride	2.367	62	137491	43.486	ug/l	100
5) Bromomethane	2.782	94	101811	39.718	ug/l	99
6) Chloroethane	2.928	64	91277	41.909	ug/l	100
7) Trichlorofluoromethane	3.263	101	87893	48.587	ug/l	100
8) Diethyl Ether	3.684	74	52556	47.445	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	105931	44.849	ug/l	100
10) Methyl Iodide	4.281	142	144544	44.684	ug/l	98
11) Tert butyl alcohol	5.172	59	32257	269.127	ug/l	100
12) 1,1-Dichloroethene	4.044	96	104386	46.902	ug/l	98
13) Acrolein	3.904	56	23266	254.748	ug/l	98
14) Allyl chloride	4.672	41	151281	49.976	ug/l	97
15) Acrylonitrile	5.367	53	113389	245.644	ug/l	99
16) Acetone	4.123	43	116943	290.759	ug/l	95
17) Carbon Disulfide	4.385	76	304719	44.991	ug/l	100
18) Methyl Acetate	4.672	43	54499	47.730	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	147573	50.256	ug/l	97
20) Methylene Chloride	4.922	84	119511	46.839	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	117096	46.321	ug/l	98
22) Diisopropyl ether	6.318	45	311564	48.574	ug/l	97
23) Vinyl Acetate	6.257	43	891575	228.503	ug/l	99
24) 1,1-Dichloroethane	6.220	63	208737	45.956	ug/l	99
25) 2-Butanone	7.171	43	150849	261.606	ug/l	97
26) 2,2-Dichloropropane	7.171	77	135421	49.305	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	125656	46.545	ug/l	96
28) Bromochloromethane	7.513	49	90665	50.291	ug/l #	12
29) Tetrahydrofuran	7.531	42	91562	255.229	ug/l	99
30) Chloroform	7.677	83	213438	44.595	ug/l	97
31) Cyclohexane	7.958	56	188222	46.108	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	181960	46.983	ug/l	99
36) 1,1-Dichloropropene	8.086	75	174982	48.045	ug/l	99
37) Ethyl Acetate	7.250	43	66513	49.672	ug/l	99
38) Carbon Tetrachloride	8.067	117	174071	46.872	ug/l	98
39) Methylcyclohexane	9.335	83	213181	50.506	ug/l	98
40) Benzene	8.323	78	456585	45.510	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	35015	47.240	ug/l	96
42) 1,2-Dichloroethane	8.403	62	145428	47.210	ug/l	99
43) Isopropyl Acetate	8.427	43	128380	50.516	ug/l	98
44) Trichloroethene	9.092	130	120862	45.913	ug/l	95
45) 1,2-Dichloropropane	9.372	63	112116	45.960	ug/l	98
46) Dibromomethane	9.463	93	62557	45.457	ug/l	99
47) Bromodichloromethane	9.646	83	156729	45.712	ug/l	99
48) Methyl methacrylate	9.439	41	60295	47.688	ug/l	92
49) 1,4-Dioxane	9.457	88	16480	852.987	ug/l #	94
51) 4-Methyl-2-Pentanone	10.207	43	333902	253.393	ug/l	99
52) Toluene	10.390	92	306253	48.218	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	162210	49.318	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	180214	47.064	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	85203	45.684	ug/l	98
56) Ethyl methacrylate	10.646	69	109674	45.698	ug/l	99
57) 1,3-Dichloropropane	10.933	76	150542	47.049	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	260586	273.626	ug/l	100
59) 2-Hexanone	10.969	43	236485	268.544	ug/l	99
60) Dibromochloromethane	11.128	129	100952	46.757	ug/l	99
61) 1,2-Dibromoethane	11.238	107	82316	47.136	ug/l	98
64) Tetrachloroethene	10.866	164	104396	46.862	ug/l	94
65) Chlorobenzene	11.658	112	314192	45.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	113496	46.152	ug/l	99
67) Ethyl Benzene	11.731	91	605902	49.770	ug/l	98
68) m/p-Xylenes	11.841	106	468555	97.525	ug/l	98
69) o-Xylene	12.164	106	220403	45.808	ug/l	98
70) Styrene	12.182	104	366015	44.591	ug/l	100
71) Bromoform	12.353	173	56607	46.752	ug/l #	99
73) Isopropylbenzene	12.463	105	607791	47.695	ug/l	100
74) N-amyl acetate	12.274	43	124613	46.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	99726	47.349	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	69357m	46.062	ug/l	
77) Bromobenzene	12.743	156	126787	47.654	ug/l	97
78) n-propylbenzene	12.804	91	752333	47.716	ug/l	99
79) 2-Chlorotoluene	12.890	91	421569	50.149	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	521940	47.399	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	32959	47.463	ug/l	97
82) 4-Chlorotoluene	12.987	91	442478	50.067	ug/l	100
83) tert-Butylbenzene	13.207	119	436881	46.729	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	512423	47.429	ug/l	98
85) sec-Butylbenzene	13.384	105	683557	48.867	ug/l	99
86) p-Isopropyltoluene	13.499	119	567456	47.808	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	271301	48.093	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	267016	47.692	ug/l	99
89) n-Butylbenzene	13.822	91	551723	48.614	ug/l	99
90) Hexachloroethane	14.091	117	99867	48.272	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	233244	47.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	17089	49.449	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	144624	48.410	ug/l	96
94) Hexachlorobutadiene	15.231	225	84791	47.787	ug/l	98
95) Naphthalene	15.365	128	272168	46.944	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	124067	47.379	ug/l	99

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

