

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010721\
 Data File : VW017798.D
 Acq On : 07 Jan 2021 13:39
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 2:31:22 PM

Quant Time: Jan 08 05:02:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 08 04:59:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	178919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	302448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	294793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	152380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	100783	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
35) Dibromofluoromethane	7.885	113	94007	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.323	98	378910	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.621	95	138933	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	69946	46.98	ug/l	100
3) Chloromethane	2.215	50	64788	39.61	ug/l	100
4) Vinyl Chloride	2.367	62	112517	44.78	ug/l	100
5) Bromomethane	2.776	94	100928	36.59	ug/l	100
6) Chloroethane	2.922	64	77147	42.88	ug/l	100
7) Trichlorofluoromethane	3.263	101	87721	49.54	ug/l	100
8) Diethyl Ether	3.684	74	41217	45.69	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	90660	44.92	ug/l	100
10) Methyl Iodide	4.275	142	125615	46.63	ug/l	100
11) Tert butyl alcohol	5.172	59	24142	184.80	ug/l	100
12) 1,1-Dichloroethene	4.044	96	89667	46.63	ug/l	100
13) Acrolein	3.891	56	33103	221.53	ug/l	100
14) Allyl chloride	4.672	41	128497	48.01	ug/l	100
15) Acrylonitrile	5.367	53	97906	232.69	ug/l	100
16) Acetone	4.123	43	97342	244.97	ug/l	100
17) Carbon Disulfide	4.391	76	267870	47.06	ug/l	100
18) Methyl Acetate	4.666	43	40973	42.44	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	122975	46.41	ug/l	100
20) Methylene Chloride	4.922	84	102831	41.04	ug/l	100
21) trans-1,2-Dichloroethene	5.428	96	106005	46.26	ug/l	100
22) Diisopropyl ether	6.312	45	259003	47.20	ug/l	100
23) Vinyl Acetate	6.257	43	833382	241.07	ug/l	100
24) 1,1-Dichloroethane	6.220	63	179956	46.80	ug/l	100
25) 2-Butanone	7.171	43	126787	229.42	ug/l	100
26) 2,2-Dichloropropane	7.165	77	104197	46.21	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	113845	47.33	ug/l	100
28) Bromochloromethane	7.513	49	76759	49.18	ug/l	100
29) Tetrahydrofuran	7.531	42	77865	223.52	ug/l	100
30) Chloroform	7.677	83	192216	46.67	ug/l	100
31) Cyclohexane	7.958	56	164523	42.32	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	160142	47.24	ug/l	100
36) 1,1-Dichloropropene	8.080	75	156569	46.93	ug/l	100
37) Ethyl Acetate	7.257	43	60039	46.98	ug/l	100
38) Carbon Tetrachloride	8.074	117	149956	48.22	ug/l	100
39) Methylcyclohexane	9.335	83	194904	48.36	ug/l	100
40) Benzene	8.323	78	421141	47.93	ug/l	100

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41) Methacrylonitrile	7.482	41	31458	43.00	ug/l	100
42) 1,2-Dichloroethane	8.403	62	129956	46.93	ug/l	100
43) Isopropyl Acetate	8.421	43	108080	48.10	ug/l	100
44) Trichloroethene	9.098	130	112747	47.21	ug/l	100
45) 1,2-Dichloropropane	9.372	63	100796	48.73	ug/l	100
46) Dibromomethane	9.457	93	58858	47.83	ug/l	100
47) Bromodichloromethane	9.646	83	147117	49.28	ug/l	100
48) Methyl methacrylate	9.439	41	55331	47.37	ug/l	100
49) 1,4-Dioxane	9.451	88	12531	870.28	ug/l	100
51) 4-Methyl-2-Pentanone	10.213	43	277159	238.55	ug/l	100
52) Toluene	10.390	92	294743	51.14	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	142698	54.38	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	164083	51.34	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	81559	49.14	ug/l	100
56) Ethyl methacrylate	10.646	69	95948	52.24	ug/l	100
57) 1,3-Dichloropropane	10.933	76	138711	48.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	238282	255.17	ug/l	100
59) 2-Hexanone	10.969	43	190376	249.47	ug/l	100
60) Dibromochloromethane	11.128	129	100351	54.67	ug/l	100
61) 1,2-Dibromoethane	11.232	107	77692	48.87	ug/l	100
64) Tetrachloroethene	10.866	164	93815	45.38	ug/l	100
65) Chlorobenzene	11.658	112	310566	47.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	107996	50.15	ug/l	100
67) Ethyl Benzene	11.731	91	573072	47.54	ug/l	100
68) m/p-Xylenes	11.841	106	444547	97.65	ug/l	100
69) o-Xylene	12.164	106	207360	49.65	ug/l	100
70) Styrene	12.183	104	344862	49.76	ug/l	100
71) Bromoform	12.347	173	53737	53.66	ug/l #	100
73) Isopropylbenzene	12.463	105	579769	47.98	ug/l	100
74) N-amyl acetate	12.274	43	96504	46.57	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	92558	43.99	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	73036m	51.38	ug/l	
77) Bromobenzene	12.750	156	123031	47.29	ug/l	100
78) n-propylbenzene	12.804	91	694417	47.42	ug/l	100
79) 2-Chlorotoluene	12.890	91	380755	47.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	490429	48.73	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	26032	52.57	ug/l	100
82) 4-Chlorotoluene	12.987	91	410892	47.14	ug/l	100
83) tert-Butylbenzene	13.207	119	421170	48.50	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	496679	48.46	ug/l	100
85) sec-Butylbenzene	13.384	105	593905	47.99	ug/l	100
86) p-Isopropyltoluene	13.499	119	552103	49.14	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	248175	46.75	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	250383	46.21	ug/l	100
89) n-Butylbenzene	13.823	91	537969	47.97	ug/l	100
90) Hexachloroethane	14.091	117	94835	52.00	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	222533	47.80	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	15099	42.08	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	143943	47.31	ug/l	100
94) Hexachlorobutadiene	15.231	225	80167	47.64	ug/l	100
95) Naphthalene	15.365	128	284567	49.67	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	124357	47.86	ug/l	100

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

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