

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018325.D
 Acq On : 12 Mar 2021 18:49
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:40:26 PM

Quant Time: Mar 13 04:34:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:29:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	135087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	233700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	212752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	97699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	84775	72.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.24%	
35) Dibromofluoromethane	7.884	113	80963	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
50) Toluene-d8	10.323	98	295409	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.615	95	110334	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	56460	58.02	ug/l	100
3) Chloromethane	2.221	50	51192	59.37	ug/l	100
4) Vinyl Chloride	2.367	62	77611	61.39	ug/l	100
5) Bromomethane	2.781	94	60779	67.83	ug/l	100
6) Chloroethane	2.928	64	48430	65.74	ug/l	100
7) Trichlorofluoromethane	3.269	101	78253	82.85	ug/l	100
8) Diethyl Ether	3.684	74	38399	62.46	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	81181	64.29	ug/l	100
10) Methyl Iodide	4.275	142	116911	59.65	ug/l	100
11) Tert butyl alcohol	5.171	59	15704	292.67	ug/l	100
12) 1,1-Dichloroethene	4.050	96	81532	63.84	ug/l	100
13) Acrolein	3.897	56	21164	271.12	ug/l	100
14) Allyl chloride	4.678	41	95033	61.28	ug/l	100
15) Acrylonitrile	5.366	53	69574	293.73	ug/l	100
16) Acetone	4.123	43	54106	299.10	ug/l	100
17) Carbon Disulfide	4.391	76	221930	63.40	ug/l	100
18) Methyl Acetate	4.671	43	29311	59.91	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	95387	69.41	ug/l	100
20) Methylene Chloride	4.921	84	88958	60.07	ug/l	100
21) trans-1,2-Dichloroethene	5.433	96	92780	65.01	ug/l	100
22) Diisopropyl ether	6.311	45	193651	62.19	ug/l	100
23) Vinyl Acetate	6.256	43	578003	311.27	ug/l	100
24) 1,1-Dichloroethane	6.220	63	151536	67.69	ug/l	100
25) 2-Butanone	7.171	43	80060	290.16	ug/l	100
26) 2,2-Dichloropropane	7.171	77	92433	73.74	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	101558	65.65	ug/l	100
28) Bromochloromethane	7.512	49	48746	57.16	ug/l	100
29) Tetrahydrofuran	7.531	42	51429	283.74	ug/l	100
30) Chloroform	7.677	83	168910	70.18	ug/l	100
31) Cyclohexane	7.957	56	123829	59.23	ug/l	100
32) 1,1,1-Trichloroethane	7.878	97	143494	73.18	ug/l	100
36) 1,1-Dichloropropene	8.085	75	132633	58.63	ug/l	100
37) Ethyl Acetate	7.250	43	37937	49.24	ug/l	100
38) Carbon Tetrachloride	8.073	117	139787	61.25	ug/l	100
39) Methylcyclohexane	9.335	83	156071	54.29	ug/l	100
40) Benzene	8.323	78	347353	55.35	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	23549	52.68	ug/l	100
42) 1,2-Dichloroethane	8.402	62	111077	64.51	ug/l	100
43) Isopropyl Acetate	8.427	43	73904	51.59	ug/l	100
44) Trichloroethene	9.091	130	100166	52.76	ug/l	100
45) 1,2-Dichloropropane	9.372	63	80083	55.16	ug/l	100
46) Dibromomethane	9.463	93	47493	58.00	ug/l	100
47) Bromodichloromethane	9.646	83	126845	60.72	ug/l	100
48) Methyl methacrylate	9.433	41	36218	50.08	ug/l	100
49) 1,4-Dioxane	9.445	88	10814	1014.62	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	185998	255.14	ug/l	100
52) Toluene	10.390	92	232202	55.96	ug/l	100
53) t-1,3-Dichloropropene	10.609	75	115863	58.74	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	134672	56.39	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	63401	54.10	ug/l	100
56) Ethyl methacrylate	10.646	69	73086	54.80	ug/l	100
57) 1,3-Dichloropropane	10.932	76	108457	55.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	179781	260.35	ug/l	100
59) 2-Hexanone	10.969	43	124479	253.02	ug/l	100
60) Dibromochloromethane	11.128	129	80199	54.21	ug/l	100
61) 1,2-Dibromoethane	11.237	107	63065	54.27	ug/l	100
64) Tetrachloroethene	10.865	164	74458	46.87	ug/l	100
65) Chlorobenzene	11.658	112	244626	53.41	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	87675	54.39	ug/l	100
67) Ethyl Benzene	11.731	91	457585	57.10	ug/l	100
68) m/p-Xylenes	11.841	106	343865	110.70	ug/l	100
69) o-Xylene	12.164	106	157992	54.76	ug/l	100
70) Styrene	12.182	104	267202	55.26	ug/l	100
71) Bromoform	12.347	173	40386	47.47	ug/l #	100
73) Isopropylbenzene	12.463	105	452886	62.92	ug/l	100
74) N-amyl acetate	12.274	43	67262	56.94	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	68955	59.71	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	45823m	52.24	ug/l	
77) Bromobenzene	12.749	156	93009	54.25	ug/l	100
78) n-propylbenzene	12.804	91	534015	64.10	ug/l	100
79) 2-Chlorotoluene	12.889	91	307965	64.34	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	390672	64.04	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	18623	54.48	ug/l	100
82) 4-Chlorotoluene	12.987	91	320273	63.48	ug/l	100
83) tert-Butylbenzene	13.206	119	324461	60.86	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	382681	62.77	ug/l	100
85) sec-Butylbenzene	13.383	105	447595	61.96	ug/l	100
86) p-Isopropyltoluene	13.499	119	409711	60.20	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	191714	57.00	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	191116	57.50	ug/l	100
89) n-Butylbenzene	13.822	91	393020	63.34	ug/l	100
90) Hexachloroethane	14.090	117	72110	61.49	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	164601	56.02	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	11774	64.18	ug/l	100
93) 1,2,4-Trichlorobenzene	15.127	180	103037	46.35	ug/l	100
94) Hexachlorobutadiene	15.230	225	66100	47.75	ug/l	100
95) Naphthalene	15.365	128	202724	54.38	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	94937	50.05	ug/l	100

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

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