

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010420.D
 Acq On : 17 May 2019 18:24
 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
 5/20/2019 12:16:05 PM

Quant Time: May 17 23:43:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:21:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	756238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1328310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1184896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	574099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	436428	56.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.22%	
35) Dibromofluoromethane	7.88	113	430518	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	10.32	98	1623707	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.62	95	623085	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	274110	57.532	ug/l	100
3) Chloromethane	2.20	50	394331	60.280	ug/l	100
4) Vinyl Chloride	2.35	62	422366	51.349	ug/l	100
5) Bromomethane	2.75	94	240497	45.806	ug/l	100
6) Chloroethane	2.90	64	273093	55.566	ug/l	100
7) Trichlorofluoromethane	3.25	101	602560	106.067	ug/l	100
8) Diethyl Ether	3.68	74	214383	54.043	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	384260	54.654	ug/l	100
10) Methyl Iodide	4.26	142	434245	40.032	ug/l	100
11) Tert butyl alcohol	5.17	59	188788	295.520	ug/l	100
12) 1,1-Dichloroethene	4.03	96	356779	48.582	ug/l	100
13) Acrolein	3.89	56	124439	307.762	ug/l	100
14) Allyl chloride	4.67	41	562257	59.044	ug/l	100
15) Acrylonitrile	5.37	53	473574	270.769	ug/l	100
16) Acetone	4.12	43	347818	249.418	ug/l	100
17) Carbon Disulfide	4.37	76	1002549	50.189	ug/l	100
18) Methyl Acetate	4.67	43	203502	45.690	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1058105	88.081	ug/l	100
20) Methylene Chloride	4.91	84	386988	47.481	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	417644	51.031	ug/l	100
22) Diisopropyl ether	6.31	45	1214160	53.482	ug/l	100
23) Vinyl Acetate	6.26	43	3875895	250.796	ug/l	100
24) 1,1-Dichloroethane	6.21	63	694237	50.146	ug/l	100
25) 2-Butanone	7.17	43	623176	238.536	ug/l	100
26) 2,2-Dichloropropane	7.17	77	613963	77.913	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	474722	50.269	ug/l	100
28) Bromochloromethane	7.51	49	282996	49.283	ug/l	100
29) Tetrahydrofuran	7.53	42	417492	238.559	ug/l	100
30) Chloroform	7.67	83	742243	51.029	ug/l	100
31) Cyclohexane	7.95	56	654802	48.635	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	693504	59.130	ug/l	100
36) 1,1-Dichloropropene	8.08	75	564255	49.367	ug/l	100
37) Ethyl Acetate	7.25	43	279297	48.734	ug/l	100
38) Carbon Tetrachloride	8.07	117	616394	52.582	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	753719	49.779	ug/l	100
40) Benzene	8.32	78	1618311	48.674	ug/l	100
41) Methacrylonitrile	7.48	41	184792	53.069	ug/l	100
42) 1,2-Dichloroethane	8.40	62	488025	50.338	ug/l	100
43) Isopropyl Acetate	8.43	43	574302	48.640	ug/l	100
44) Trichloroethene	9.09	130	470149	49.512	ug/l	100
45) 1,2-Dichloropropane	9.37	63	403906	48.966	ug/l	100
46) Dibromomethane	9.46	93	241257	50.230	ug/l	100
47) Bromodichloromethane	9.65	83	594437	50.468	ug/l	100
48) Methyl methacrylate	9.43	41	259479	47.813	ug/l	100
49) 1,4-Dioxane	9.45	88	75824	903.250	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1447700	236.840	ug/l	100
52) Toluene	10.39	92	1075642	48.546	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	613663	49.461	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	689158	49.132	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	346943	49.955	ug/l	100
56) Ethyl methacrylate	10.65	69	475460	48.213	ug/l	100
57) 1,3-Dichloropropane	10.93	76	577764	49.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1226512	283.760	ug/l	100
59) 2-Hexanone	10.97	43	1010089	234.280	ug/l	100
60) Dibromochloromethane	11.13	129	434340	50.067	ug/l	100
61) 1,2-Dibromoethane	11.24	107	349568	49.878	ug/l	100
64) Tetrachloroethene	10.86	164	379984	48.516	ug/l	100
65) Chlorobenzene	11.66	112	1176030	50.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	433264	49.764	ug/l	100
67) Ethyl Benzene	11.73	91	2055144	49.220	ug/l	100
68) m/p-Xylenes	11.84	106	1609640	98.523	ug/l	100
69) o-Xylene	12.16	106	771099	48.970	ug/l	100
70) Styrene	12.18	104	1326876	48.475	ug/l	100
71) Bromoform	12.35	173	257163	50.938	ug/l	100
73) Isopropylbenzene	12.46	105	2065643	49.319	ug/l	100
74) N-amyl acetate	12.27	43	535750	46.199	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	415217	50.443	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	295309m	47.273	ug/l	
77) Bromobenzene	12.75	156	475019	49.156	ug/l	100
78) n-propylbenzene	12.80	91	2421069	49.431	ug/l	100
79) 2-Chlorotoluene	12.90	91	1407426	49.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1780132	49.320	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	146467	48.745	ug/l	100
82) 4-Chlorotoluene	12.99	91	1480334	49.538	ug/l	100
83) tert-Butylbenzene	13.21	119	1520847	49.974	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1753366	48.711	ug/l	100
85) sec-Butylbenzene	13.38	105	2143872	49.810	ug/l	100
86) p-Isopropyltoluene	13.50	119	1935538	49.423	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	927042	49.330	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	928353	49.496	ug/l	100
89) n-Butylbenzene	13.83	91	1862537	49.829	ug/l	100
90) Hexachloroethane	14.10	117	388625	50.122	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	862841	50.018	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	77205	50.453	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	572201	48.253	ug/l	100
94) Hexachlorobutadiene	15.24	225	300577	49.618	ug/l	100
95) Naphthalene	15.37	128	1287827	48.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	501922	47.662	ug/l	100

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

