

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009236.D
 Acq On : 19 Mar 2019 12:18
 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
 3/22/2019 3:53:00 AM

Quant Time: Mar 20 07:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:57:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	314489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	431827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	235234	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171210	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.88	113	152437	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.32	98	570658	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	211129	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	87229	39.534	ug/l	100
3) Chloromethane	2.21	50	104991	46.054	ug/l	100
4) Vinyl Chloride	2.37	62	148617	44.417	ug/l	100
5) Bromomethane	2.78	94	121955	44.694	ug/l	100
6) Chloroethane	2.92	64	121711	46.885	ug/l	100
7) Trichlorofluoromethane	3.26	101	106044	48.380	ug/l	100
8) Diethyl Ether	3.68	74	74941	47.408	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	149942	47.224	ug/l	100
10) Methyl Iodide	4.27	142	219655	47.990	ug/l	100
11) Tert butyl alcohol	5.17	59	47454	244.474	ug/l	100
12) 1,1-Dichloroethene	4.04	96	140115	46.683	ug/l	100
13) Acrolein	3.89	56	40205	253.633	ug/l	100
14) Allyl chloride	4.65	41	214085	48.384	ug/l	100
15) Acrylonitrile	5.36	53	166002	249.877	ug/l	100
16) Acetone	4.12	43	172189	250.892	ug/l	100
17) Carbon Disulfide	4.38	76	387450	46.306	ug/l	100
18) Methyl Acetate	4.67	43	86988	49.386	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	183739	49.880	ug/l	100
20) Methylene Chloride	4.92	84	145742	45.480	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	146767	47.529	ug/l	100
22) Diisopropyl ether	6.31	45	471780	49.458	ug/l	100
23) Vinyl Acetate	6.25	43	1516872	253.440	ug/l	100
24) 1,1-Dichloroethane	6.21	63	280163	47.590	ug/l	100
25) 2-Butanone	7.17	43	247240	251.413	ug/l	100
26) 2,2-Dichloropropane	7.17	77	157561	47.900	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	163835	48.974	ug/l	100
28) Bromochloromethane	7.51	49	130994	50.730	ug/l	100
29) Tetrahydrofuran	7.52	42	157445	251.883	ug/l	100
30) Chloroform	7.67	83	294395	48.062	ug/l	100
31) Cyclohexane	7.95	56	251948	45.905	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	233140	47.684	ug/l	100
36) 1,1-Dichloropropene	8.08	75	227344	48.536	ug/l	100
37) Ethyl Acetate	7.25	43	107424	50.259	ug/l	100
38) Carbon Tetrachloride	8.06	117	236430	47.696	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	274662	50.683	ug/l	100
40) Benzene	8.32	78	614478	48.376	ug/l	100
41) Methacrylonitrile	7.48	41	58476	50.761	ug/l	100
42) 1,2-Dichloroethane	8.40	62	202984	48.886	ug/l	100
43) Isopropyl Acetate	8.42	43	212526	49.656	ug/l	100
44) Trichloroethene	9.09	130	168380	48.390	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157568	48.798	ug/l	100
46) Dibromomethane	9.46	93	85979	48.422	ug/l	100
47) Bromodichloromethane	9.64	83	220100	49.053	ug/l	100
48) Methyl methacrylate	9.43	41	102581	51.768	ug/l	100
49) 1,4-Dioxane	9.45	88	28699	1042.044	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	569151	255.164	ug/l	100
52) Toluene	10.38	92	394854	49.060	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	223136	50.997	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	245122	49.796	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	118816	49.417	ug/l	100
56) Ethyl methacrylate	10.65	69	150382	52.526	ug/l	100
57) 1,3-Dichloropropane	10.93	76	206804	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	79643	95.074	ug/l	100
59) 2-Hexanone	10.97	43	397497	262.494	ug/l	100
60) Dibromochloromethane	11.13	129	149635	50.373	ug/l	100
61) 1,2-Dibromoethane	11.23	107	112866	49.287	ug/l	100
64) Tetrachloroethene	10.86	164	143947	48.674	ug/l	100
65) Chlorobenzene	11.66	112	438782	49.132	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	163738	49.085	ug/l	100
67) Ethyl Benzene	11.73	91	790190	51.084	ug/l	100
68) m/p-Xylenes	11.84	106	603324	100.627	ug/l	100
69) o-Xylene	12.17	106	282217	50.689	ug/l	100
70) Styrene	12.18	104	468353	51.020	ug/l	100
71) Bromoform	12.35	173	90217	49.514	ug/l	100
73) Isopropylbenzene	12.46	105	808106	51.397	ug/l	100
74) N-amyl acetate	12.27	43	212530	51.820	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	144533	49.143	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	101548m	42.696	ug/l	
77) Bromobenzene	12.75	156	183189	49.188	ug/l	100
78) n-propylbenzene	12.80	91	993057	51.426	ug/l	100
79) 2-Chlorotoluene	12.90	91	554351	50.535	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	691656	51.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47225	52.420	ug/l	100
82) 4-Chlorotoluene	12.99	91	582897	50.439	ug/l	100
83) tert-Butylbenzene	13.21	119	596186	52.176	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	706025	51.506	ug/l	100
85) sec-Butylbenzene	13.38	105	876234	51.895	ug/l	100
86) p-Isopropyltoluene	13.50	119	786273	52.294	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	382294	49.605	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	375569	48.943	ug/l	100
89) n-Butylbenzene	13.83	91	759821	52.645	ug/l	100
90) Hexachloroethane	14.10	117	150003	50.601	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	344078	49.789	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	27021	51.310	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	236858	51.034	ug/l	100
94) Hexachlorobutadiene	15.24	225	146453	49.613	ug/l	100
95) Naphthalene	15.37	128	435936	54.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	212950	51.401	ug/l	100

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

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