

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008953.D
 Acq On : 15 Apr 2019 11:09
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 10:52:55 AM

Quant Time: Apr 16 02:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165998	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	163596	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
35) Dibromofluoromethane	5.50	113	122336	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	496397	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	176297	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	142331	50.279	ug/l	100
3) Chloromethane	1.32	50	161234	41.911	ug/l	100
4) Vinyl Chloride	1.41	62	162496	43.525	ug/l	100
5) Bromomethane	1.64	94	92053	44.659	ug/l	100
6) Chloroethane	1.72	64	96228	38.777	ug/l	100
7) Trichlorofluoromethane	1.93	101	188516	45.450	ug/l	100
8) Diethyl Ether	2.19	74	83998	43.029	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117331	44.167	ug/l	100
10) Methyl Iodide	2.51	142	132001	58.475	ug/l	100
11) Tert butyl alcohol	3.04	59	182663	223.847	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122531	44.060	ug/l	100
13) Acrolein	2.29	56	166036	355.081	ug/l	100
14) Allyl chloride	2.73	41	280279	44.185	ug/l	100
15) Acrylonitrile	3.14	53	464598	215.190	ug/l	100
16) Acetone	2.45	43	435292	218.721	ug/l	100
17) Carbon Disulfide	2.57	76	366759	41.085	ug/l	100
18) Methyl Acetate	2.78	43	201199	41.315	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	446531	45.104	ug/l	100
20) Methylene Chloride	2.85	84	137586	40.941	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	130328	43.278	ug/l	100
22) Diisopropyl ether	3.85	45	530389	43.476	ug/l	100
23) Vinyl Acetate	3.82	43	2428891	228.460	ug/l	100
24) 1,1-Dichloroethane	3.70	63	261906	43.389	ug/l	100
25) 2-Butanone	4.67	43	702713	222.309	ug/l	100
26) 2,2-Dichloropropane	4.59	77	198600	46.348	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	148627	43.098	ug/l	100
28) Bromochloromethane	5.02	49	112781	39.686	ug/l	100
29) Tetrahydrofuran	5.13	42	457021	217.056	ug/l	100
30) Chloroform	5.21	83	236820	43.841	ug/l	100
31) Cyclohexane	5.58	56	261411	43.192	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	199579	45.610	ug/l	100
36) 1,1-Dichloropropene	5.80	75	189270	44.721	ug/l	100
37) Ethyl Acetate	4.84	43	263009	46.741	ug/l	100
38) Carbon Tetrachloride	5.79	117	167451	47.706	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237949	45.456	ug/l	100
40) Benzene	6.14	78	574349	45.559	ug/l	100
41) Methacrylonitrile	5.04	41	147694	45.518	ug/l	100
42) 1,2-Dichloroethane	6.20	62	201376	44.579	ug/l	100
43) Isopropyl Acetate	6.45	43	413980	46.868	ug/l	100
44) Trichloroethene	7.21	130	137967	46.747	ug/l	100
45) 1,2-Dichloropropane	7.51	63	161387	45.011	ug/l	100
46) Dibromomethane	7.66	93	92356	44.257	ug/l	100
47) Bromodichloromethane	7.90	83	185594	47.169	ug/l	100
48) Methyl methacrylate	7.77	41	206589	46.349	ug/l	100
49) 1,4-Dioxane	7.74	88	70640	851.945	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1321607	232.868	ug/l	100
52) Toluene	8.79	92	343647	46.250	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	222853	50.341	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	242684	48.121	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	137684	46.131	ug/l	100
56) Ethyl methacrylate	9.18	69	253818	47.160	ug/l	100
57) 1,3-Dichloropropane	9.37	76	244959	45.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	681939	245.764	ug/l	100
59) 2-Hexanone	9.49	43	1018509	230.804	ug/l	100
60) Dibromochloromethane	9.58	129	138480	49.140	ug/l	100
61) 1,2-Dibromoethane	9.67	107	144190	46.418	ug/l	100
64) Tetrachloroethene	9.34	164	125983	48.504	ug/l	100
65) Chlorobenzene	10.13	112	348190	45.396	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126849	47.158	ug/l	100
67) Ethyl Benzene	10.25	91	649635	45.548	ug/l	100
68) m/p-Xylenes	10.36	106	471463	91.804	ug/l	100
69) o-Xylene	10.69	106	228091	45.817	ug/l	100
70) Styrene	10.71	104	401447	46.777	ug/l	100
71) Bromoform	10.85	173	103919	50.331	ug/l	100
73) Isopropylbenzene	11.02	105	611296	45.487	ug/l	100
74) N-amyl acetate	10.90	43	354956	44.924	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	218295	42.826	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	191263m	42.958	ug/l	
77) Bromobenzene	11.26	156	149319	45.960	ug/l	100
78) n-propylbenzene	11.36	91	714552	45.689	ug/l	100
79) 2-Chlorotoluene	11.42	91	415321	43.903	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	511919	45.453	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	82484	50.647	ug/l	100
82) 4-Chlorotoluene	11.51	91	483993	44.177	ug/l	100
83) tert-Butylbenzene	11.77	119	484728	44.684	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	515658	45.195	ug/l	100
85) sec-Butylbenzene	11.94	105	590545	45.825	ug/l	100
86) p-Isopropyltoluene	12.06	119	541190	46.645	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	262378	45.134	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	261814	44.405	ug/l	100
89) n-Butylbenzene	12.39	91	513206	47.215	ug/l	100
90) Hexachloroethane	12.60	117	91996	47.760	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	257668	44.647	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49599	44.103	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	189149	46.740	ug/l	100
94) Hexachlorobutadiene	13.78	225	94271	48.605	ug/l	100
95) Naphthalene	13.83	128	607532	45.333	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184281	45.671	ug/l	100

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

