

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008622.D
 Acq On : 03 Apr 2019 19:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:04 PM

Quant Time: Apr 04 06:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134457	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	129731	46.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.98%	
35) Dibromofluoromethane	5.49	113	95767	46.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.00%	
50) Toluene-d8	8.71	98	389400	47.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	140551	48.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96723	43.923	ug/l	99
3) Chloromethane	1.32	50	134912	49.990	ug/l	100
4) Vinyl Chloride	1.40	62	130070	43.694	ug/l	98
5) Bromomethane	1.64	94	64246	44.045	ug/l	99
6) Chloroethane	1.71	64	78496	48.173	ug/l	99
7) Trichlorofluoromethane	1.92	101	145235	44.136	ug/l	98
8) Diethyl Ether	2.19	74	68842	44.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92452	43.638	ug/l	100
10) Methyl Iodide	2.51	142	87223	45.588	ug/l	99
11) Tert butyl alcohol	3.05	59	154858	237.059	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95687	43.265	ug/l	96
13) Acrolein	2.29	56	66343	204.817	ug/l	98
14) Allyl chloride	2.73	41	225729	44.584	ug/l	100
15) Acrylonitrile	3.14	53	393200	227.209	ug/l	100
16) Acetone	2.45	43	350444	218.055	ug/l	100
17) Carbon Disulfide	2.57	76	285929	44.691	ug/l	98
18) Methyl Acetate	2.78	43	169685	43.534	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	359019	45.455	ug/l	99
20) Methylene Chloride	2.85	84	115717	43.015	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	102763	42.956	ug/l	95
22) Diisopropyl ether	3.85	45	433924	44.466	ug/l	92
23) Vinyl Acetate	3.81	43	1963528	231.294	ug/l	99
24) 1,1-Dichloroethane	3.70	63	215424	44.587	ug/l	99
25) 2-Butanone	4.67	43	582370	229.268	ug/l	100
26) 2,2-Dichloropropane	4.58	77	146654	43.096	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	119329	43.385	ug/l	99
28) Bromochloromethane	5.02	49	106153	52.764	ug/l	99
29) Tetrahydrofuran	5.13	42	380474	225.675	ug/l	99
30) Chloroform	5.21	83	192492	44.606	ug/l	100
31) Cyclohexane	5.58	56	209438	43.442	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	157432	45.145	ug/l	100
36) 1,1-Dichloropropene	5.80	75	151237	42.948	ug/l	100
37) Ethyl Acetate	4.84	43	216264	46.010	ug/l	99
38) Carbon Tetrachloride	5.79	117	130291	44.704	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185466	42.635	ug/l	100
40) Benzene	6.14	78	464683	44.295	ug/l	99
41) Methacrylonitrile	5.04	41	121762	45.067	ug/l	99
42) 1,2-Dichloroethane	6.19	62	164926	43.853	ug/l	99
43) Isopropyl Acetate	6.45	43	338610	45.988	ug/l	100
44) Trichloroethene	7.21	130	106505	43.590	ug/l	99
45) 1,2-Dichloropropane	7.51	63	131624	43.958	ug/l	98
46) Dibromomethane	7.66	93	74937	43.151	ug/l	99
47) Bromodichloromethane	7.90	83	148305	45.292	ug/l	99
48) Methyl methacrylate	7.77	41	171962	46.169	ug/l	100
49) 1,4-Dioxane	7.74	88	64499	924.417	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1122701	236.862	ug/l	100
52) Toluene	8.79	92	277158	44.813	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170033	46.357	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190063	45.349	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111427	44.883	ug/l	99
56) Ethyl methacrylate	9.18	69	212140	47.228	ug/l	100
57) 1,3-Dichloropropane	9.37	76	201065	45.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	553988	241.533	ug/l	100
59) 2-Hexanone	9.49	43	864472	234.682	ug/l	100
60) Dibromochloromethane	9.58	129	108413	46.342	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115882	44.837	ug/l	99
64) Tetrachloroethene	9.34	164	89637	41.991	ug/l	96
65) Chlorobenzene	10.14	112	278961	43.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100385	44.803	ug/l	100
67) Ethyl Benzene	10.25	91	526421	44.203	ug/l	100
68) m/p-Xylenes	10.36	106	382139	89.244	ug/l	99
69) o-Xylene	10.70	106	185175	44.623	ug/l	100
70) Styrene	10.71	104	324026	45.299	ug/l	100
71) Bromoform	10.85	173	80494	47.038	ug/l #	99
73) Isopropylbenzene	11.02	105	489536	43.933	ug/l	100
74) N-amyl acetate	10.90	43	298694	45.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	187260	44.188	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	160109m	43.347	ug/l	
77) Bromobenzene	11.26	156	118322	44.171	ug/l	99
78) n-propylbenzene	11.36	91	576676	44.447	ug/l	99
79) 2-Chlorotoluene	11.42	91	342322	43.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	416247	44.502	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62428	46.589	ug/l	98
82) 4-Chlorotoluene	11.51	91	393557	43.303	ug/l	100
83) tert-Butylbenzene	11.77	119	396178	44.026	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	418978	44.238	ug/l	100
85) sec-Butylbenzene	11.94	105	478326	44.750	ug/l	100
86) p-Isopropyltoluene	12.06	119	429390	44.757	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	207291	43.226	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	206594	42.544	ug/l	100
89) n-Butylbenzene	12.38	91	399862	44.443	ug/l	99
90) Hexachloroethane	12.60	117	72153	45.344	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	207547	43.589	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40998	43.978	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141972	42.885	ug/l	99
94) Hexachlorobutadiene	13.78	225	70764	44.570	ug/l	99
95) Naphthalene	13.83	128	489186	44.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142359	43.039	ug/l	99

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

