

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040519\
 Data File : VX008683.D
 Acq On : 05 Apr 2019 15:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:47 AM

Quant Time: Apr 06 01:52:29 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	5.66	168	200767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	322768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	147072	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	109472	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.71	98	446959	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
62) 4-Bromofluorobenzene	11.13	95	168573	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103696	44.871	ug/l	98
3) Chloromethane	1.32	50	138187	48.749	ug/l	100
4) Vinyl Chloride	1.40	62	136409	43.664	ug/l	99
5) Bromomethane	1.64	94	64509	42.222	ug/l	98
6) Chloroethane	1.71	64	83817	49.071	ug/l	98
7) Trichlorofluoromethane	1.92	101	158354	45.855	ug/l	99
8) Diethyl Ether	2.18	74	72615	44.341	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104068	46.806	ug/l	99
10) Methyl Iodide	2.51	142	77615	39.264	ug/l	99
11) Tert butyl alcohol	3.05	59	148381	216.440	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102435	44.133	ug/l	98
13) Acrolein	2.29	56	63630	187.184	ug/l	99
14) Allyl chloride	2.72	41	240840	45.327	ug/l	99
15) Acrylonitrile	3.14	53	389730	214.592	ug/l	100
16) Acetone	2.44	43	397538	235.701	ug/l	99
17) Carbon Disulfide	2.56	76	307871	45.873	ug/l	99
18) Methyl Acetate	2.77	43	171111	41.831	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	381771	46.058	ug/l	99
20) Methylene Chloride	2.85	84	123083	43.597	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	110846	44.151	ug/l	94
22) Diisopropyl ether	3.85	45	461351	45.049	ug/l	89
23) Vinyl Acetate	3.81	43	2056320	230.810	ug/l	99
24) 1,1-Dichloroethane	3.69	63	228771	45.118	ug/l	99
25) 2-Butanone	4.67	43	599512	224.895	ug/l	99
26) 2,2-Dichloropropane	4.58	77	171138	47.921	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	128700	44.587	ug/l	99
28) Bromochloromethane	5.01	49	115836	54.992	ug/l	99
29) Tetrahydrofuran	5.12	42	373207	210.933	ug/l	100
30) Chloroform	5.21	83	205523	45.381	ug/l	99
31) Cyclohexane	5.57	56	229612	45.383	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	170592	46.613	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165228	46.831	ug/l	100
37) Ethyl Acetate	4.83	43	214507	45.549	ug/l	99
38) Carbon Tetrachloride	5.78	117	141965	48.616	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210666	48.335	ug/l	100
40) Benzene	6.14	78	494828	47.078	ug/l	99
41) Methacrylonitrile	5.04	41	123751	45.715	ug/l	100
42) 1,2-Dichloroethane	6.19	62	175105	46.470	ug/l	100
43) Isopropyl Acetate	6.44	43	351678	47.671	ug/l	100
44) Trichloroethene	7.21	130	116881	47.745	ug/l	99
45) 1,2-Dichloropropane	7.51	63	140421	46.806	ug/l	99
46) Dibromomethane	7.66	93	79631	45.765	ug/l	98
47) Bromodichloromethane	7.90	83	160694	48.981	ug/l	99
48) Methyl methacrylate	7.77	41	177973	47.691	ug/l	99
49) 1,4-Dioxane	7.74	88	63294	905.404	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1141444	240.354	ug/l	100
52) Toluene	8.78	92	301677	48.683	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	189291	51.508	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	210253	50.070	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118344	47.577	ug/l	99
56) Ethyl methacrylate	9.18	69	226728	50.378	ug/l	100
57) 1,3-Dichloropropane	9.37	76	214620	48.051	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	330240	143.705	ug/l	100
59) 2-Hexanone	9.49	43	892745	241.892	ug/l	100
60) Dibromochloromethane	9.58	129	119608	51.029	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123229	47.588	ug/l	99
64) Tetrachloroethene	9.34	164	101863	47.049	ug/l	98
65) Chlorobenzene	10.13	112	310811	47.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	109463	48.169	ug/l	100
67) Ethyl Benzene	10.25	91	585073	48.439	ug/l	98
68) m/p-Xylenes	10.36	106	428891	98.757	ug/l	100
69) o-Xylene	10.69	106	207319	49.259	ug/l	99
70) Styrene	10.71	104	368686	50.819	ug/l	99
71) Bromoform	10.85	173	90598	52.200	ug/l #	98
73) Isopropylbenzene	11.02	105	551382	46.476	ug/l	100
74) N-amyl acetate	10.90	43	324305	46.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	196186	43.481	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171056m	43.496	ug/l	
77) Bromobenzene	11.26	156	133986	46.978	ug/l	98
78) n-propylbenzene	11.36	91	658545	47.673	ug/l	100
79) 2-Chlorotoluene	11.42	91	390065	46.661	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	472911	47.487	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	70396	49.343	ug/l	98
82) 4-Chlorotoluene	11.51	91	453875	46.905	ug/l	99
83) tert-Butylbenzene	11.77	119	450038	46.972	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	478861	47.488	ug/l	100
85) sec-Butylbenzene	11.94	105	547522	48.110	ug/l	99
86) p-Isopropyltoluene	12.06	119	499634	48.914	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243639	47.718	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	244103	47.213	ug/l	99
89) n-Butylbenzene	12.38	91	480443	50.154	ug/l	99
90) Hexachloroethane	12.60	117	82906	48.936	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	238198	46.987	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42187	42.503	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	172972	49.073	ug/l	99
94) Hexachlorobutadiene	13.78	225	83525	49.411	ug/l	98
95) Naphthalene	13.83	128	553649	46.997	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170940	48.539	ug/l	98

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

