

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010902.D
 Acq On : 16 Jul 2019 10:53
 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
 7/17/2019 10:45:08 AM

Quant Time: Jul 17 04:22:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:02:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117545	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
35) Dibromofluoromethane	5.50	113	107157	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	8.71	98	407071	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.13	95	151804	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	121719	69.761	ug/l 100
3) Chloromethane	1.33	50	105361	55.132	ug/l 100
4) Vinyl Chloride	1.41	62	111337	53.347	ug/l 100
5) Bromomethane	1.64	94	57020	55.130	ug/l 100
6) Chloroethane	1.72	64	68292	54.983	ug/l 100
7) Trichlorofluoromethane	1.93	101	182692	55.203	ug/l 100
8) Diethyl Ether	2.19	74	60651	51.841	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101564	51.249	ug/l 100
10) Methyl Iodide	2.51	142	144225	51.728	ug/l 100
11) Tert butyl alcohol	3.05	59	132264	235.361	ug/l 100
12) 1,1-Dichloroethene	2.37	96	102855	51.210	ug/l 100
13) Acrolein	2.29	56	79499	216.637	ug/l 100
14) Allyl chloride	2.73	41	147093	51.704	ug/l 100
15) Acrylonitrile	3.14	53	279102	250.036	ug/l 100
16) Acetone	2.45	43	270300	252.335	ug/l 100
17) Carbon Disulfide	2.57	76	264837	49.459	ug/l 100
18) Methyl Acetate	2.78	43	114717	52.563	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	317392	50.427	ug/l 100
20) Methylene Chloride	2.85	84	111574	49.970	ug/l 100
21) trans-1,2-Dichloroethene	3.17	96	106939	49.733	ug/l 100
22) Diisopropyl ether	3.85	45	302817	50.860	ug/l 100
23) Vinyl Acetate	3.82	43	1352835	263.385	ug/l 100
24) 1,1-Dichloroethane	3.70	63	174642	50.834	ug/l 100
25) 2-Butanone	4.67	43	395655	250.892	ug/l 100
26) 2,2-Dichloropropane	4.58	77	146638	49.324	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	120192	48.676	ug/l 100
28) Bromochloromethane	5.01	49	81441	49.646	ug/l 100
29) Tetrahydrofuran	5.13	42	246528	251.090	ug/l 100
30) Chloroform	5.21	83	187015	50.526	ug/l 100
31) Cyclohexane	5.58	56	160361	51.092	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	168264	51.484	ug/l 100
36) 1,1-Dichloropropene	5.80	75	137998	50.636	ug/l 100
37) Ethyl Acetate	4.83	43	146846	52.519	ug/l 100
38) Carbon Tetrachloride	5.79	117	146413	50.057	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178789	50.087	ug/l	100
40) Benzene	6.14	78	423166	50.171	ug/l	100
41) Methacrylonitrile	5.04	41	76200	49.938	ug/l	100
42) 1,2-Dichloroethane	6.19	62	142444	54.690	ug/l	100
43) Isopropyl Acetate	6.45	43	233488	50.652	ug/l	100
44) Trichloroethene	7.21	130	124014	49.249	ug/l	100
45) 1,2-Dichloropropane	7.51	63	106332	49.877	ug/l	100
46) Dibromomethane	7.66	93	77279	50.492	ug/l	100
47) Bromodichloromethane	7.90	83	140452	50.327	ug/l	100
48) Methyl methacrylate	7.77	41	112684	52.439	ug/l	100
49) 1,4-Dioxane	7.74	88	62800	1015.858	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	770328	260.210	ug/l	100
52) Toluene	8.78	92	278092	50.097	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155233	49.726	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	172704	50.755	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	113817	49.843	ug/l	100
56) Ethyl methacrylate	9.18	69	175778	50.811	ug/l	100
57) 1,3-Dichloropropane	9.37	76	180533	50.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	414805	253.331	ug/l	100
59) 2-Hexanone	9.49	43	614227	263.608	ug/l	100
60) Dibromochloromethane	9.58	129	124466	49.001	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123898	50.198	ug/l	100
64) Tetrachloroethene	9.34	164	117727	46.794	ug/l	100
65) Chlorobenzene	10.13	112	307063	48.527	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115458	50.115	ug/l	100
67) Ethyl Benzene	10.25	91	542616	50.510	ug/l	100
68) m/p-Xylenes	10.36	106	416503	100.304	ug/l	100
69) o-Xylene	10.69	106	203862	49.862	ug/l	100
70) Styrene	10.71	104	350252	51.101	ug/l	100
71) Bromoform	10.85	173	94605	48.031	ug/l #	100
73) Isopropylbenzene	11.02	105	543824	48.277	ug/l	100
74) N-amyl acetate	10.90	43	218897	51.331	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	180716	48.497	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149171m	49.260	ug/l	
77) Bromobenzene	11.26	156	149031	47.477	ug/l	100
78) n-propylbenzene	11.36	91	615705	49.689	ug/l	100
79) 2-Chlorotoluene	11.42	91	363308	49.168	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	467929	50.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55310	43.971	ug/l	100
82) 4-Chlorotoluene	11.51	91	424086	50.379	ug/l	100
83) tert-Butylbenzene	11.77	119	456888	49.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	470323	50.350	ug/l	100
85) sec-Butylbenzene	11.94	105	541496	49.470	ug/l	100
86) p-Isopropyltoluene	12.06	119	503188	49.691	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	262963	47.911	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	266845	47.695	ug/l	100
89) n-Butylbenzene	12.38	91	437759	50.790	ug/l	100
90) Hexachloroethane	12.59	117	80097	46.665	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	261976	47.997	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38959	48.276	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	181758	48.189	ug/l	100
94) Hexachlorobutadiene	13.78	225	87725	47.674	ug/l	100
95) Naphthalene	13.83	128	549460	47.713	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	179874	48.072	ug/l	100

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

