

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011240.D
 Acq On : 31 Jul 2019 09:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:49:43 AM

Quant Time: Jul 31 10:16:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	97711	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	87243	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.71	98	317398	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	124237	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81206	43.292	ug/l	99
3) Chloromethane	1.32	50	76883	47.446	ug/l	97
4) Vinyl Chloride	1.41	62	82649	50.004	ug/l	98
5) Bromomethane	1.64	94	41851	44.932	ug/l	97
6) Chloroethane	1.71	64	54458	51.846	ug/l	97
7) Trichlorofluoromethane	1.92	101	147657	52.775	ug/l	96
8) Diethyl Ether	2.19	74	50933	52.835	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79591	49.822	ug/l	98
10) Methyl Iodide	2.51	142	99748	47.581	ug/l	100
11) Tert butyl alcohol	3.06	59	112473	257.620	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76329	48.630	ug/l	95
13) Acrolein	2.29	56	51130	202.701	ug/l	96
14) Allyl chloride	2.73	41	109437	48.001	ug/l	100
15) Acrylonitrile	3.14	53	239712	271.719	ug/l	99
16) Acetone	2.45	43	204580	241.627	ug/l	97
17) Carbon Disulfide	2.57	76	159328	39.573	ug/l	99
18) Methyl Acetate	2.78	43	122452	63.516	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	272593	53.949	ug/l	100
20) Methylene Chloride	2.85	84	91554	51.025	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	81034	48.658	ug/l	97
22) Diisopropyl ether	3.85	45	261397	54.363	ug/l	97
23) Vinyl Acetate	3.82	43	1065234	261.464	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145767	52.200	ug/l	100
25) 2-Butanone	4.67	43	327645	269.579	ug/l	99
26) 2,2-Dichloropropane	4.58	77	60227	26.267	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	97632	50.654	ug/l	96
28) Bromochloromethane	5.01	49	64260	48.833	ug/l	98
29) Tetrahydrofuran	5.13	42	209535	272.166	ug/l	99
30) Chloroform	5.21	83	160944	53.322	ug/l	97
31) Cyclohexane	5.58	56	120556	47.364	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	136504	52.273	ug/l	99
36) 1,1-Dichloropropene	5.80	75	107849	49.656	ug/l	99
37) Ethyl Acetate	4.84	43	121565	54.661	ug/l	100
38) Carbon Tetrachloride	5.79	117	118750	52.469	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129920	46.127	ug/l	99
40) Benzene	6.14	78	339769	51.070	ug/l	100
41) Methacrylonitrile	5.04	41	68568	54.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	125284	54.160	ug/l	98
43) Isopropyl Acetate	6.45	43	199636	54.592	ug/l	98
44) Trichloroethene	7.21	130	97441	49.480	ug/l	92
45) 1,2-Dichloropropane	7.51	63	87944	51.936	ug/l	98
46) Dibromomethane	7.66	93	65180	53.868	ug/l	99
47) Bromodichloromethane	7.90	83	119109	55.300	ug/l	100
48) Methyl methacrylate	7.77	41	98672	55.388	ug/l	97
49) 1,4-Dioxane	7.74	88	53384	1071.292	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	677581	285.835	ug/l	100
52) Toluene	8.78	92	222824	50.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114676	49.515	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	125695	48.775	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99076	55.056	ug/l	98
56) Ethyl methacrylate	9.18	69	148398	56.375	ug/l	99
57) 1,3-Dichloropropane	9.37	76	153203	53.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	330328	262.880	ug/l	100
59) 2-Hexanone	9.49	43	526736	286.484	ug/l	99
60) Dibromochloromethane	9.58	129	103869	50.144	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104583	54.761	ug/l	100
64) Tetrachloroethene	9.33	164	94471	48.503	ug/l	97
65) Chlorobenzene	10.14	112	256024	50.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	96480	53.983	ug/l	99
67) Ethyl Benzene	10.25	91	447456	51.695	ug/l	99
68) m/p-Xylenes	10.36	106	342781	103.239	ug/l	100
69) o-Xylene	10.69	106	168352	51.954	ug/l	98
70) Styrene	10.71	104	293565	54.346	ug/l	100
71) Bromoform	10.85	173	79463	48.891	ug/l	99
73) Isopropylbenzene	11.02	105	456091	49.866	ug/l	100
74) N-amyl acetate	10.90	43	181825	52.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157732	52.697	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	127651m	52.259	ug/l	
77) Bromobenzene	11.26	156	124408	49.312	ug/l	99
78) n-propylbenzene	11.36	91	516102	51.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	306200	50.437	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	391228	51.190	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35949	38.298	ug/l	95
82) 4-Chlorotoluene	11.51	91	357924	50.655	ug/l	100
83) tert-Butylbenzene	11.77	119	385325	51.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	396224	51.437	ug/l	98
85) sec-Butylbenzene	11.94	105	455931	51.832	ug/l	100
86) p-Isopropyltoluene	12.06	119	423432	52.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220857	50.444	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	220790	49.170	ug/l	99
89) n-Butylbenzene	12.38	91	360708	51.846	ug/l	100
90) Hexachloroethane	12.60	117	67192	52.385	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	218996	50.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34419	55.011	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	151551	51.535	ug/l	98
94) Hexachlorobutadiene	13.78	225	71793	49.265	ug/l	99
95) Naphthalene	13.83	128	492302	56.692	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157028	53.667	ug/l	99

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

