

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030519\
 Data File : VX007849.D
 Acq On : 05 Mar 2019 20:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:49:52 AM

Quant Time: Mar 06 01:13:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147891	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	5.50	113	132704	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.71	98	480419	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.13	95	170971	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105443	41.688	ug/l	99
3) Chloromethane	1.33	50	128879	45.981	ug/l	99
4) Vinyl Chloride	1.41	62	139000	48.338	ug/l	95
5) Bromomethane	1.64	94	75088	41.181	ug/l	99
6) Chloroethane	1.71	64	132990	72.387	ug/l	95
7) Trichlorofluoromethane	1.93	101	190427	43.197	ug/l	99
8) Diethyl Ether	2.19	74	85427	47.218	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117172	43.976	ug/l	98
10) Methyl Iodide	2.51	142	179705	54.165	ug/l	97
11) Tert butyl alcohol	3.08	59	169426	262.554	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113456	47.239	ug/l	95
13) Acrolein	2.30	56	94731	165.203	ug/l	99
14) Allyl chloride	2.73	41	244835	55.132	ug/l	89
15) Acrylonitrile	3.15	53	406991	268.006	ug/l	99
16) Acetone	2.45	43	333251	220.338	ug/l	99
17) Carbon Disulfide	2.57	76	330714	49.495	ug/l	99
18) Methyl Acetate	2.78	43	199715	60.514	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	419241	50.127	ug/l	99
20) Methylene Chloride	2.86	84	130338	46.670	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	121789	46.645	ug/l	96
22) Diisopropyl ether	3.87	45	465769	50.383	ug/l	94
23) Vinyl Acetate	3.82	43	2025838	249.771	ug/l	98
24) 1,1-Dichloroethane	3.70	63	249289	49.617	ug/l	98
25) 2-Butanone	4.70	43	564133	244.864	ug/l	96
26) 2,2-Dichloropropane	4.58	77	160651	40.057	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147939	44.529	ug/l	93
28) Bromochloromethane	5.02	49	116828	47.764	ug/l	87
29) Tetrahydrofuran	5.15	42	380325	250.437	ug/l	93
30) Chloroform	5.21	83	237524	44.135	ug/l	99
31) Cyclohexane	5.57	56	216624	45.837	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	204602	45.969	ug/l	99
36) 1,1-Dichloropropene	5.80	75	175233	48.335	ug/l	97
37) Ethyl Acetate	4.85	43	213335	52.974	ug/l	100
38) Carbon Tetrachloride	5.78	117	184760	50.734	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	213925	46.689	ug/l	95
40) Benzene	6.14	78	545721	48.763	ug/l	99
41) Methacrylonitrile	5.06	41	121275	56.395	ug/l	94
42) 1,2-Dichloroethane	6.20	62	180384	47.956	ug/l	98
43) Isopropyl Acetate	6.46	43	339424	54.763	ug/l	98
44) Trichloroethene	7.21	130	145867	47.381	ug/l	96
45) 1,2-Dichloropropane	7.51	63	148629	51.270	ug/l	100
46) Dibromomethane	7.66	93	92411	45.693	ug/l	97
47) Bromodichloromethane	7.90	83	188734	53.850	ug/l	99
48) Methyl methacrylate	7.77	41	173001	53.249	ug/l	92
49) 1,4-Dioxane	7.75	88	68763	979.935	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1071288	258.214	ug/l	100
52) Toluene	8.78	92	332907	47.174	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	202178	46.602	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	225139	52.934	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140296	47.674	ug/l	99
56) Ethyl methacrylate	9.18	69	216456	51.723	ug/l	94
57) 1,3-Dichloropropane	9.37	76	233366	49.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	541952	234.839	ug/l	97
59) 2-Hexanone	9.49	43	808607	248.251	ug/l	99
60) Dibromochloromethane	9.59	129	158772	56.070	ug/l	98
61) 1,2-Dibromoethane	9.67	107	146872	48.070	ug/l	99
64) Tetrachloroethene	9.34	164	133735	46.597	ug/l	98
65) Chlorobenzene	10.13	112	367274	48.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	142919	53.584	ug/l	99
67) Ethyl Benzene	10.25	91	623396	49.216	ug/l	99
68) m/p-Xylenes	10.36	106	476528	96.705	ug/l	97
69) o-Xylene	10.69	106	232963	49.150	ug/l	96
70) Styrene	10.71	104	386893	49.660	ug/l	100
71) Bromoform	10.85	173	131076	65.536	ug/l	99
73) Isopropylbenzene	11.02	105	624922	48.290	ug/l	99
74) N-amyl acetate	10.90	43	294897	52.475	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	212326	47.438	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	202424m	52.448	ug/l	
77) Bromobenzene	11.26	156	165423	50.964	ug/l	95
78) n-propylbenzene	11.36	91	705200	48.224	ug/l	98
79) 2-Chlorotoluene	11.42	91	412862	46.889	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	514448	48.329	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	66551	46.436	ug/l	89
82) 4-Chlorotoluene	11.51	91	475666	46.179	ug/l	99
83) tert-Butylbenzene	11.77	119	524790	51.347	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	528413	48.530	ug/l	98
85) sec-Butylbenzene	11.94	105	621283	48.510	ug/l	98
86) p-Isopropyltoluene	12.06	119	555040	49.486	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	293536	48.754	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	293844	47.654	ug/l	99
89) n-Butylbenzene	12.39	91	473184	47.305	ug/l	99
90) Hexachloroethane	12.60	117	101534	53.726	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	295174	48.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46745	47.932	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212006	57.654	ug/l	100
94) Hexachlorobutadiene	13.78	225	110884	65.916	ug/l	99
95) Naphthalene	13.83	128	635639	53.354	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	213274	57.762	ug/l	99

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

