

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\
 Data File : VX007535.D
 Acq On : 13 Feb 2019 21:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:57:37 AM

Quant Time: Feb 14 04:00:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	458219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	231876	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	5.50	113	219238	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	791769	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.13	95	281624	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	233803	41.553	ug/l	100
3) Chloromethane	1.33	50	219858	42.598	ug/l	99
4) Vinyl Chloride	1.41	62	237601	46.926	ug/l	99
5) Bromomethane	1.64	94	225034	44.899	ug/l	99
6) Chloroethane	1.71	64	152729	46.629	ug/l	98
7) Trichlorofluoromethane	1.93	101	366934	46.326	ug/l	99
8) Diethyl Ether	2.19	74	137617	46.161	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	204133	43.327	ug/l	98
10) Methyl Iodide	2.51	142	257000	37.081	ug/l	99
11) Tert butyl alcohol	3.08	59	277127	275.329	ug/l	97
12) 1,1-Dichloroethene	2.37	96	196863	44.997	ug/l	96
13) Acrolein	2.30	56	107843	228.486	ug/l	97
14) Allyl chloride	2.73	41	347906	48.804	ug/l	99
15) Acrylonitrile	3.15	53	638388	256.386	ug/l	99
16) Acetone	2.45	43	562470	252.467	ug/l	99
17) Carbon Disulfide	2.57	76	486824	42.869	ug/l	99
18) Methyl Acetate	2.78	43	343063	58.992	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	692112	48.830	ug/l	97
20) Methylene Chloride	2.85	84	222915	48.977	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	207398	44.501	ug/l	99
22) Diisopropyl ether	3.87	45	641527	48.924	ug/l	97
23) Vinyl Acetate	3.82	43	2711711	249.211	ug/l	98
24) 1,1-Dichloroethane	3.70	63	362537	48.144	ug/l	99
25) 2-Butanone	4.70	43	833449	262.871	ug/l	99
26) 2,2-Dichloropropane	4.59	77	237563	41.425	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	237855	46.726	ug/l	100
28) Bromochloromethane	5.03	49	170593	49.263	ug/l	100
29) Tetrahydrofuran	5.15	42	538661	270.132	ug/l	100
30) Chloroform	5.21	83	375760	47.820	ug/l	97
31) Cyclohexane	5.57	56	297552	43.996	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	327811	49.423	ug/l	99
36) 1,1-Dichloropropene	5.80	75	264521	42.822	ug/l	99
37) Ethyl Acetate	4.85	43	305762	48.966	ug/l	99
38) Carbon Tetrachloride	5.78	117	290229	48.429	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	308751	41.311	ug/l	99
40) Benzene	6.14	78	837504	46.026	ug/l	99
41) Methacrylonitrile	5.06	41	171044	51.108	ug/l	99
42) 1,2-Dichloroethane	6.20	62	287306	45.634	ug/l	100
43) Isopropyl Acetate	6.46	43	488215	50.653	ug/l	100
44) Trichloroethene	7.21	130	241781	44.118	ug/l	97
45) 1,2-Dichloropropane	7.52	63	217730	47.757	ug/l	100
46) Dibromomethane	7.66	93	151916	45.846	ug/l	99
47) Bromodichloromethane	7.90	83	274620	48.901	ug/l	98
48) Methyl methacrylate	7.77	41	250010	51.858	ug/l	98
49) 1,4-Dioxane	7.75	88	119960	1093.475	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1632000	257.211	ug/l	100
52) Toluene	8.79	92	531154	45.243	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	300203	49.767	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	323244	48.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	233948	47.805	ug/l	96
56) Ethyl methacrylate	9.18	69	342035	50.463	ug/l	99
57) 1,3-Dichloropropane	9.37	76	362733	46.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	908095	254.188	ug/l	99
59) 2-Hexanone	9.49	43	1238671	250.872	ug/l	99
60) Dibromochloromethane	9.59	129	245820	53.112	ug/l	98
61) 1,2-Dibromoethane	9.67	107	246660	47.594	ug/l	99
64) Tetrachloroethene	9.34	164	240465	40.296	ug/l	99
65) Chlorobenzene	10.14	112	624640	45.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	230974	49.863	ug/l	99
67) Ethyl Benzene	10.25	91	1026222	46.124	ug/l	99
68) m/p-Xylenes	10.36	106	808480	91.411	ug/l	99
69) o-Xylene	10.69	106	396764	46.620	ug/l	100
70) Styrene	10.71	104	645712	46.783	ug/l	99
71) Bromoform	10.86	173	184297	45.736	ug/l	100
73) Isopropylbenzene	11.02	105	1049418	48.215	ug/l	99
74) N-amyl acetate	10.90	43	435355	51.713	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	340197	51.287	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	319625m	51.304	ug/l	
77) Bromobenzene	11.26	156	285999	46.636	ug/l	100
78) n-propylbenzene	11.36	91	1166061	48.856	ug/l	99
79) 2-Chlorotoluene	11.42	91	681313	47.045	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	853686	47.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	94441	47.121	ug/l	96
82) 4-Chlorotoluene	11.51	91	794511	47.413	ug/l	100
83) tert-Butylbenzene	11.77	119	857022	48.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	873839	48.337	ug/l	99
85) sec-Butylbenzene	11.94	105	1032553	48.391	ug/l	99
86) p-Isopropyltoluene	12.06	119	930758	48.322	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	496635	45.125	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	502329	44.988	ug/l	99
89) n-Butylbenzene	12.39	91	776529	46.865	ug/l	100
90) Hexachloroethane	12.60	117	152868	53.029	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	490329	44.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77102	55.901	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	341318	46.208	ug/l	99
94) Hexachlorobutadiene	13.78	225	161547	45.040	ug/l	100
95) Naphthalene	13.83	128	1084657	50.214	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	345434	46.459	ug/l	100

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

