

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007302.D
 Acq On : 30 Jan 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:44:07 AM

Quant Time: Jan 31 00:32:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	502282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	724585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	680533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	232652	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
35) Dibromofluoromethane	5.50	113	214069	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	8.71	98	783080	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.13	95	296331	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	167413	40.588	ug/l	99
3) Chloromethane	1.33	50	193511	40.300	ug/l	99
4) Vinyl Chloride	1.41	62	207511	40.175	ug/l	99
5) Bromomethane	1.64	94	213929	38.766	ug/l	100
6) Chloroethane	1.71	64	137434	38.106	ug/l	98
7) Trichlorofluoromethane	1.93	101	347151	41.596	ug/l	99
8) Diethyl Ether	2.19	74	140215	42.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	215973	43.224	ug/l	99
10) Methyl Iodide	2.51	142	313749	46.551	ug/l	99
11) Tert butyl alcohol	3.07	59	232264	187.571	ug/l	100
12) 1,1-Dichloroethene	2.38	96	187047	40.518	ug/l	95
13) Acrolein	2.29	56	82326	155.338	ug/l	99
14) Allyl chloride	2.73	41	332719	42.055	ug/l	100
15) Acrylonitrile	3.15	53	612687	215.536	ug/l	99
16) Acetone	2.45	43	620324	239.039	ug/l	99
17) Carbon Disulfide	2.57	76	397816	33.471	ug/l	99
18) Methyl Acetate	2.78	43	348233	46.337	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	706260	44.078	ug/l	99
20) Methylene Chloride	2.86	84	225331	45.602	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	206427	40.126	ug/l	99
22) Diisopropyl ether	3.87	45	675486	45.415	ug/l	97
23) Vinyl Acetate	3.82	43	2837942	226.252	ug/l	99
24) 1,1-Dichloroethane	3.70	63	385794	46.387	ug/l	99
25) 2-Butanone	4.70	43	822492	221.506	ug/l	99
26) 2,2-Dichloropropane	4.59	77	292619	45.755	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	239045	42.127	ug/l	97
28) Bromochloromethane	5.02	49	162082	44.481	ug/l	94
29) Tetrahydrofuran	5.15	42	501343	207.759	ug/l	96
30) Chloroform	5.21	83	391421	44.951	ug/l	99
31) Cyclohexane	5.57	56	301172	40.686	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	334390	45.306	ug/l	99
36) 1,1-Dichloropropene	5.80	75	273452	43.407	ug/l	99
37) Ethyl Acetate	4.85	43	299321	44.319	ug/l	97
38) Carbon Tetrachloride	5.79	117	294412	46.450	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339964	42.331	ug/l	96
40) Benzene	6.14	78	844624	43.940	ug/l	98
41) Methacrylonitrile	5.05	41	167401	43.026	ug/l	98
42) 1,2-Dichloroethane	6.20	62	295768	44.527	ug/l	99
43) Isopropyl Acetate	6.45	43	485820	45.603	ug/l	98
44) Trichloroethene	7.21	130	257277	44.665	ug/l	95
45) 1,2-Dichloropropane	7.51	63	220846	45.700	ug/l	98
46) Dibromomethane	7.66	93	155717	45.849	ug/l	97
47) Bromodichloromethane	7.90	83	290035	50.170	ug/l	99
48) Methyl methacrylate	7.77	41	253514	46.339	ug/l	98
49) 1,4-Dioxane	7.75	88	97981	782.375	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1632616	238.463	ug/l	99
52) Toluene	8.78	92	560537	45.370	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	325138	50.720	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	349602	49.384	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	247632	50.076	ug/l	99
56) Ethyl methacrylate	9.18	69	351288	48.660	ug/l	95
57) 1,3-Dichloropropane	9.37	76	385230	47.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	884942	238.410	ug/l	98
59) 2-Hexanone	9.49	43	1266001	242.652	ug/l	99
60) Dibromochloromethane	9.58	129	260131	54.173	ug/l	98
61) 1,2-Dibromoethane	9.67	107	256916	47.192	ug/l	100
64) Tetrachloroethene	9.34	164	267195	45.350	ug/l	96
65) Chlorobenzene	10.14	112	674097	45.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247281	49.524	ug/l	99
67) Ethyl Benzene	10.25	91	1114984	45.503	ug/l	98
68) m/p-Xylenes	10.36	106	888218	92.005	ug/l	100
69) o-Xylene	10.70	106	435174	46.221	ug/l	98
70) Styrene	10.71	104	720941	48.348	ug/l	100
71) Bromoform	10.85	173	197849	44.829	ug/l	99
73) Isopropylbenzene	11.02	105	1182099	45.091	ug/l	99
74) N-amyl acetate	10.90	43	454276	43.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	353996	42.534	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	339457m	45.057	ug/l	
77) Bromobenzene	11.26	156	319309	44.205	ug/l	99
78) n-propylbenzene	11.36	91	1339954	46.560	ug/l	99
79) 2-Chlorotoluene	11.42	91	775807	44.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	986746	45.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	104172	42.354	ug/l	96
82) 4-Chlorotoluene	11.51	91	904869	45.112	ug/l	100
83) tert-Butylbenzene	11.77	119	973293	44.533	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	993693	45.111	ug/l	99
85) sec-Butylbenzene	11.94	105	1220943	46.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	1090220	46.697	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	578493	44.308	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	579769	46.876	ug/l	100
89) n-Butylbenzene	12.39	91	950439	47.755	ug/l	98
90) Hexachloroethane	12.60	117	171432	46.228	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	570597	44.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72050	43.773	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	407473	46.095	ug/l	99
94) Hexachlorobutadiene	13.78	225	197911	50.452	ug/l	98
95) Naphthalene	13.83	128	1200480	44.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	408504	46.520	ug/l	99

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

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