

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012619\
 Data File : VX007255.D
 Acq On : 26 Jan 2019 02:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:02:25 PM

Quant Time: Jan 28 02:34:30 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	5.67	168	462142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	693076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	630612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	329489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243046	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	5.51	113	224740	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.71	98	807724	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	287256	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	166641	43.910	ug/l	98
3) Chloromethane	1.33	50	223348	50.554	ug/l	99
4) Vinyl Chloride	1.41	62	214574	45.150	ug/l	98
5) Bromomethane	1.64	94	186527	36.736	ug/l	96
6) Chloroethane	1.71	64	146492	44.146	ug/l	97
7) Trichlorofluoromethane	1.93	101	363743	47.369	ug/l	100
8) Diethyl Ether	2.19	74	146768	48.042	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	212787	46.286	ug/l	99
10) Methyl Iodide	2.51	142	290988	46.924	ug/l	99
11) Tert butyl alcohol	3.08	59	276035	242.282	ug/l	98
12) 1,1-Dichloroethene	2.37	96	197496	46.498	ug/l	98
13) Acrolein	2.29	56	115493	235.229	ug/l	97
14) Allyl chloride	2.73	41	343384	47.172	ug/l	99
15) Acrylonitrile	3.15	53	661553	252.940	ug/l	100
16) Acetone	2.45	43	568939	238.280	ug/l	100
17) Carbon Disulfide	2.57	76	409049	37.406	ug/l	98
18) Methyl Acetate	2.78	43	396452	57.335	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	747229	50.686	ug/l	99
20) Methylene Chloride	2.86	84	249818	55.066	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	212755	44.948	ug/l	98
22) Diisopropyl ether	3.87	45	692070	50.571	ug/l	95
23) Vinyl Acetate	3.82	43	2807291	243.248	ug/l	98
24) 1,1-Dichloroethane	3.70	63	378148	49.417	ug/l	99
25) 2-Butanone	4.70	43	853565	249.841	ug/l	96
26) 2,2-Dichloropropane	4.59	77	210100	35.706	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	246752	47.262	ug/l	100
28) Bromochloromethane	5.02	49	176182	52.550	ug/l	95
29) Tetrahydrofuran	5.15	42	554018	249.529	ug/l	97
30) Chloroform	5.21	83	407482	50.860	ug/l	98
31) Cyclohexane	5.57	56	306984	45.074	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	339648	50.015	ug/l	98
36) 1,1-Dichloropropene	5.80	75	274726	45.592	ug/l	99
37) Ethyl Acetate	4.85	43	320477	49.608	ug/l	99
38) Carbon Tetrachloride	5.78	117	294073	48.506	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	330181	42.982	ug/l	99
40) Benzene	6.15	78	877126	47.705	ug/l	98
41) Methacrylonitrile	5.06	41	181419	48.748	ug/l	99
42) 1,2-Dichloroethane	6.20	62	305791	48.129	ug/l	98
43) Isopropyl Acetate	6.46	43	520155	51.046	ug/l	98
44) Trichloroethene	7.21	130	259250	47.054	ug/l	99
45) 1,2-Dichloropropane	7.51	63	229767	49.707	ug/l	100
46) Dibromomethane	7.66	93	161198	49.620	ug/l	97
47) Bromodichloromethane	7.90	83	292888	52.967	ug/l	98
48) Methyl methacrylate	7.77	41	264528	50.551	ug/l	97
49) 1,4-Dioxane	7.75	88	118456	991.152	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1696970	259.131	ug/l	99
52) Toluene	8.79	92	572937	48.482	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	305104	49.759	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	338392	49.974	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	251397	53.148	ug/l	99
56) Ethyl methacrylate	9.18	69	353733	51.226	ug/l	95
57) 1,3-Dichloropropane	9.37	76	393771	50.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	944590	266.049	ug/l	99
59) 2-Hexanone	9.49	43	1256516	251.783	ug/l	99
60) Dibromochloromethane	9.58	129	258539	56.289	ug/l	97
61) 1,2-Dibromoethane	9.67	107	261416	50.201	ug/l	98
64) Tetrachloroethene	9.34	164	266130	48.745	ug/l	97
65) Chlorobenzene	10.14	112	663866	48.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247858	53.569	ug/l	99
67) Ethyl Benzene	10.25	91	1091172	48.056	ug/l	99
68) m/p-Xylenes	10.36	106	854173	95.482	ug/l	99
69) o-Xylene	10.69	106	424129	48.614	ug/l	99
70) Styrene	10.71	104	685487	49.609	ug/l	99
71) Bromoform	10.85	173	187621	45.767	ug/l	100
73) Isopropylbenzene	11.02	105	1121442	48.268	ug/l	98
74) N-amyl acetate	10.90	43	459939	49.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	355031	48.134	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	328624m	49.218	ug/l	
77) Bromobenzene	11.26	156	306224	47.835	ug/l	98
78) n-propylbenzene	11.36	91	1241748	48.685	ug/l	99
79) 2-Chlorotoluene	11.42	91	730348	47.569	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	918190	47.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	90204	41.469	ug/l	100
82) 4-Chlorotoluene	11.51	91	853119	47.991	ug/l	100
83) tert-Butylbenzene	11.77	119	913344	47.154	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	944401	48.377	ug/l	100
85) sec-Butylbenzene	11.94	105	1114075	48.161	ug/l	100
86) p-Isopropyltoluene	12.06	119	1003071	48.478	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	534318	46.177	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	545006	49.713	ug/l	99
89) n-Butylbenzene	12.39	91	850237	48.204	ug/l	99
90) Hexachloroethane	12.60	117	156730	47.596	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	542048	47.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74229	50.885	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	377116	48.137	ug/l	99
94) Hexachlorobutadiene	13.78	225	175960	50.614	ug/l	98
95) Naphthalene	13.83	128	1178950	49.663	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	380015	48.830	ug/l	98

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

