

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011819\
 Data File : VX007147.D
 Acq On : 18 Jan 2019 20:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 11:00:08 AM

Quant Time: Jan 18 23:28:24 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	453110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	680414	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	622335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	319770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	238260	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	219390	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.71	98	797280	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	283448	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177512	47.706	ug/l	99
3) Chloromethane	1.33	50	197027	45.485	ug/l	100
4) Vinyl Chloride	1.41	62	220179	47.253	ug/l	97
5) Bromomethane	1.64	94	191326	38.432	ug/l	98
6) Chloroethane	1.71	64	148307	45.583	ug/l	98
7) Trichlorofluoromethane	1.93	101	367823	48.856	ug/l	98
8) Diethyl Ether	2.19	74	144269	48.166	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	217156	48.177	ug/l	98
10) Methyl Iodide	2.51	142	255207	41.974	ug/l	100
11) Tert butyl alcohol	3.08	59	283778	254.043	ug/l	100
12) 1,1-Dichloroethene	2.37	96	196970	47.298	ug/l	99
13) Acrolein	2.30	56	144995	300.338	ug/l	98
14) Allyl chloride	2.73	41	352597	49.404	ug/l	99
15) Acrylonitrile	3.15	53	666826	260.039	ug/l	100
16) Acetone	2.45	43	576117	246.096	ug/l	99
17) Carbon Disulfide	2.57	76	443113	41.329	ug/l	99
18) Methyl Acetate	2.78	43	363466	53.613	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	729055	50.439	ug/l	100
20) Methylene Chloride	2.86	84	231072	51.917	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	216373	46.624	ug/l	99
22) Diisopropyl ether	3.87	45	676003	50.382	ug/l	95
23) Vinyl Acetate	3.82	43	2762599	244.147	ug/l	100
24) 1,1-Dichloroethane	3.70	63	373182	49.740	ug/l	99
25) 2-Butanone	4.70	43	855570	255.420	ug/l	99
26) 2,2-Dichloropropane	4.59	77	246115	42.660	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	244431	47.751	ug/l	98
28) Bromochloromethane	5.02	49	175802	53.482	ug/l	94
29) Tetrahydrofuran	5.15	42	556278	255.541	ug/l	98
30) Chloroform	5.21	83	397935	50.659	ug/l	99
31) Cyclohexane	5.57	56	306625	45.918	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	330829	49.688	ug/l	98
36) 1,1-Dichloropropene	5.80	75	277805	46.961	ug/l	99
37) Ethyl Acetate	4.86	43	319522	50.381	ug/l	98
38) Carbon Tetrachloride	5.79	117	283291	47.597	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	337451	44.745	ug/l	98
40) Benzene	6.14	78	869681	48.181	ug/l	100
41) Methacrylonitrile	5.06	41	175611	48.066	ug/l	98
42) 1,2-Dichloroethane	6.20	62	302248	48.456	ug/l	99
43) Isopropyl Acetate	6.46	43	504029	50.384	ug/l	98
44) Trichloroethene	7.21	130	253016	46.777	ug/l	98
45) 1,2-Dichloropropane	7.51	63	220973	48.695	ug/l	99
46) Dibromomethane	7.66	93	159293	49.946	ug/l	99
47) Bromodichloromethane	7.90	83	281480	51.851	ug/l	96
48) Methyl methacrylate	7.77	41	260661	50.738	ug/l	98
49) 1,4-Dioxane	7.75	88	124741	1063.793	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1706697	265.467	ug/l	99
52) Toluene	8.79	92	570506	49.175	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	302493	50.251	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	333045	50.099	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	245996	52.974	ug/l	97
56) Ethyl methacrylate	9.18	69	353434	52.135	ug/l	96
57) 1,3-Dichloropropane	9.37	76	386983	50.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	921420	264.353	ug/l	99
59) 2-Hexanone	9.49	43	1281039	261.474	ug/l	99
60) Dibromochloromethane	9.59	129	249129	55.249	ug/l	98
61) 1,2-Dibromoethane	9.67	107	264365	51.712	ug/l	99
64) Tetrachloroethene	9.34	164	259094	48.087	ug/l	96
65) Chlorobenzene	10.14	112	664270	48.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	241472	52.883	ug/l	99
67) Ethyl Benzene	10.25	91	1097425	48.974	ug/l	99
68) m/p-Xylenes	10.36	106	862828	97.733	ug/l	99
69) o-Xylene	10.70	106	424754	49.333	ug/l	98
70) Styrene	10.71	104	678283	49.741	ug/l	99
71) Bromoform	10.86	173	181115	44.870	ug/l	100
73) Isopropylbenzene	11.02	105	1112936	49.358	ug/l	99
74) N-amyl acetate	10.90	43	452582	49.853	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	355475	49.659	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	333831m	51.517	ug/l	
77) Bromobenzene	11.26	156	306159	49.278	ug/l	99
78) n-propylbenzene	11.36	91	1249215	50.467	ug/l	99
79) 2-Chlorotoluene	11.42	91	728054	48.861	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	919748	48.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92389	43.555	ug/l	99
82) 4-Chlorotoluene	11.51	91	849370	49.232	ug/l	100
83) tert-Butylbenzene	11.77	119	939084	49.957	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	945989	49.931	ug/l	100
85) sec-Butylbenzene	11.94	105	1123321	50.037	ug/l	100
86) p-Isopropyltoluene	12.06	119	1003860	49.991	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	542563	48.315	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	541458	50.887	ug/l	99
89) n-Butylbenzene	12.39	91	856305	50.023	ug/l	99
90) Hexachloroethane	12.60	117	150886	47.238	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	535995	48.366	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74235	52.436	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	374483	49.254	ug/l	100
94) Hexachlorobutadiene	13.78	225	175766	52.094	ug/l	98
95) Naphthalene	13.83	128	1175030	51.002	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	372019	49.256	ug/l	99

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

