

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009176.D
 Acq On : 25 Apr 2019 20:37
 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
 4/26/2019 10:05:46 AM

Quant Time: Apr 26 06:55:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123926	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.49	113	92459	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	8.71	98	365779	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.13	95	135699	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101754	47.859	ug/l	97
3) Chloromethane	1.32	50	131649	50.437	ug/l	100
4) Vinyl Chloride	1.40	62	123099	48.455	ug/l	99
5) Bromomethane	1.64	94	76382	48.166	ug/l	97
6) Chloroethane	1.71	64	78449	52.513	ug/l	97
7) Trichlorofluoromethane	1.92	101	140598	47.401	ug/l	98
8) Diethyl Ether	2.19	74	66561	49.068	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86717	45.725	ug/l	99
10) Methyl Iodide	2.51	142	100463	48.587	ug/l	100
11) Tert butyl alcohol	3.06	59	167671	290.371	ug/l	99
12) 1,1-Dichloroethene	2.37	96	92090	46.522	ug/l	99
13) Acrolein	2.29	56	111467	223.413	ug/l	99
14) Allyl chloride	2.73	41	218368	50.564	ug/l	99
15) Acrylonitrile	3.14	53	386198	263.470	ug/l	100
16) Acetone	2.45	43	335808	248.928	ug/l	99
17) Carbon Disulfide	2.56	76	260816	44.967	ug/l	100
18) Methyl Acetate	2.78	43	177024	52.579	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	348650	49.431	ug/l	99
20) Methylene Chloride	2.85	84	109467	47.450	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	96949	45.918	ug/l	94
22) Diisopropyl ether	3.86	45	422252	50.316	ug/l	89
23) Vinyl Acetate	3.82	43	1908536	258.720	ug/l	99
24) 1,1-Dichloroethane	3.70	63	205889	48.874	ug/l	99
25) 2-Butanone	4.68	43	578837	268.438	ug/l	99
26) 2,2-Dichloropropane	4.58	77	128083	40.562	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112848	47.075	ug/l	100
28) Bromochloromethane	5.02	49	86084	49.166	ug/l	100
29) Tetrahydrofuran	5.13	42	382794	265.228	ug/l	99
30) Chloroform	5.21	83	186108	49.370	ug/l	98
31) Cyclohexane	5.58	56	195957	47.295	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	154200	49.355	ug/l	99
36) 1,1-Dichloropropene	5.80	75	141038	44.769	ug/l	100
37) Ethyl Acetate	4.84	43	212636	52.454	ug/l	100
38) Carbon Tetrachloride	5.78	117	127599	47.776	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	173051	45.116	ug/l	99
40) Benzene	6.14	78	443301	47.699	ug/l	100
41) Methacrylonitrile	5.04	41	119785	51.485	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158799	48.235	ug/l	99
43) Isopropyl Acetate	6.45	43	335596	51.372	ug/l	99
44) Trichloroethene	7.21	130	103341	45.382	ug/l	99
45) 1,2-Dichloropropane	7.51	63	126813	49.184	ug/l	98
46) Dibromomethane	7.66	93	71419	47.596	ug/l	99
47) Bromodichloromethane	7.90	83	143013	48.593	ug/l	100
48) Methyl methacrylate	7.77	41	169616	52.547	ug/l	99
49) 1,4-Dioxane	7.74	88	68303	1130.550	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1140216	273.970	ug/l	99
52) Toluene	8.79	92	267507	48.027	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	166140	49.051	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	181948	47.975	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	108637	49.212	ug/l	98
56) Ethyl methacrylate	9.18	69	205503	51.917	ug/l	99
57) 1,3-Dichloropropane	9.37	76	193500	49.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	503824	236.366	ug/l	100
59) 2-Hexanone	9.49	43	893443	278.446	ug/l	99
60) Dibromochloromethane	9.59	129	108391	51.231	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112160	49.228	ug/l	99
64) Tetrachloroethene	9.34	164	91844	43.810	ug/l	99
65) Chlorobenzene	10.14	112	273188	46.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	99836	48.653	ug/l	100
67) Ethyl Benzene	10.25	91	512617	48.142	ug/l	99
68) m/p-Xylenes	10.36	106	374815	96.859	ug/l	99
69) o-Xylene	10.70	106	184963	49.123	ug/l	99
70) Styrene	10.71	104	327166	50.141	ug/l	100
71) Bromoform	10.85	173	82882	50.699	ug/l #	98
73) Isopropylbenzene	11.02	105	487887	47.796	ug/l	100
74) N-amyl acetate	10.90	43	306857	52.355	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	187001	50.138	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185018m	56.265	ug/l	
77) Bromobenzene	11.26	156	121983	47.363	ug/l	99
78) n-propylbenzene	11.36	91	560310	47.824	ug/l	99
79) 2-Chlorotoluene	11.42	91	339118	48.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	414468	48.386	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61688	48.161	ug/l	98
82) 4-Chlorotoluene	11.51	91	388395	47.368	ug/l	100
83) tert-Butylbenzene	11.77	119	405134	49.262	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	416221	47.735	ug/l	100
85) sec-Butylbenzene	11.94	105	471254	48.045	ug/l	100
86) p-Isopropyltoluene	12.06	119	429100	47.584	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	212228	47.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	212127	46.423	ug/l	100
89) n-Butylbenzene	12.39	91	384476	45.780	ug/l	100
90) Hexachloroethane	12.60	117	73326	49.294	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	216976	48.746	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43846	51.632	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	150438	46.819	ug/l	99
94) Hexachlorobutadiene	13.78	225	73085	45.605	ug/l	99
95) Naphthalene	13.83	128	510400	49.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150810	47.569	ug/l	99

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

