

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041719\
 Data File : VX009004.D
 Acq On : 17 Apr 2019 09:47
 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
 4/18/2019 10:15:54 AM

Quant Time: Apr 18 01:45:52 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	5.65	168	218825	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	348048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	149810	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	111583	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	452190	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	169985	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	141953	56.321	ug/l 99
3) Chloromethane	1.32	50	162278	52.444	ug/l 99
4) Vinyl Chloride	1.40	62	157158	52.183	ug/l 98
5) Bromomethane	1.64	94	86222	46.048	ug/l 97
6) Chloroethane	1.71	64	92993	52.510	ug/l 95
7) Trichlorofluoromethane	1.92	101	181935	51.741	ug/l 99
8) Diethyl Ether	2.18	74	80409	50.003	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114071	50.739	ug/l 98
10) Methyl Iodide	2.51	142	130119	52.675	ug/l 99
11) Tert butyl alcohol	3.04	59	174390	254.757	ug/l 100
12) 1,1-Dichloroethene	2.37	96	111579	47.548	ug/l 97
13) Acrolein	2.29	56	136310	230.461	ug/l 100
14) Allyl chloride	2.72	41	273575	53.436	ug/l 100
15) Acrylonitrile	3.14	53	430100	247.514	ug/l 100
16) Acetone	2.44	43	440165	275.237	ug/l 98
17) Carbon Disulfide	2.57	76	344972	50.026	ug/l 100
18) Methyl Acetate	2.77	43	192648	48.267	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	430802	51.523	ug/l 100
20) Methylene Chloride	2.85	84	136131	49.776	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	122953	49.123	ug/l 96
22) Diisopropyl ether	3.85	45	522987	52.570	ug/l 99
23) Vinyl Acetate	3.81	43	2316419	264.884	ug/l 99
24) 1,1-Dichloroethane	3.69	63	254552	50.972	ug/l 100
25) 2-Butanone	4.67	43	674186	263.740	ug/l 99
26) 2,2-Dichloropropane	4.57	77	195461	52.215	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	142644	50.195	ug/l 99
28) Bromochloromethane	5.01	49	107007	51.651	ug/l 100
29) Tetrahydrofuran	5.12	42	418859	244.811	ug/l 99
30) Chloroform	5.20	83	230042	51.477	ug/l 100
31) Cyclohexane	5.57	56	259421	52.816	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	192404	51.948	ug/l 99
36) 1,1-Dichloropropene	5.79	75	185307	51.480	ug/l 98
37) Ethyl Acetate	4.82	43	242786	52.417	ug/l 99
38) Carbon Tetrachloride	5.78	117	160922	52.734	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238360	54.388	ug/l	95
40) Benzene	6.13	78	551201	51.907	ug/l	99
41) Methacrylonitrile	5.04	41	134445	50.575	ug/l	97
42) 1,2-Dichloroethane	6.18	62	195016	51.843	ug/l	99
43) Isopropyl Acetate	6.43	43	393343	52.697	ug/l	100
44) Trichloroethene	7.21	130	132024	50.742	ug/l	97
45) 1,2-Dichloropropane	7.51	63	157277	53.387	ug/l	99
46) Dibromomethane	7.66	93	87821	51.223	ug/l	100
47) Bromodichloromethane	7.89	83	177797	52.873	ug/l	100
48) Methyl methacrylate	7.76	41	196961	53.404	ug/l	100
49) 1,4-Dioxane	7.74	88	72065	1043.959	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1268419	266.740	ug/l	99
52) Toluene	8.78	92	334843	52.614	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	210050	54.276	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	231660	53.459	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	133185	52.803	ug/l	97
56) Ethyl methacrylate	9.18	69	249193	55.098	ug/l	99
57) 1,3-Dichloropropane	9.37	76	235292	52.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	654874	268.889	ug/l	100
59) 2-Hexanone	9.49	43	1017740	277.600	ug/l	99
60) Dibromochloromethane	9.58	129	132253	54.709	ug/l	100
61) 1,2-Dibromoethane	9.67	107	135919	52.212	ug/l	98
64) Tetrachloroethene	9.34	164	123621	51.563	ug/l	98
65) Chlorobenzene	10.13	112	345035	51.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122596	52.243	ug/l	99
67) Ethyl Benzene	10.25	91	650428	53.414	ug/l	100
68) m/p-Xylenes	10.35	106	477309	107.856	ug/l	99
69) o-Xylene	10.69	106	230721	53.581	ug/l	98
70) Styrene	10.71	104	408068	54.686	ug/l	99
71) Bromoform	10.85	173	100474	53.742	ug/l #	99
73) Isopropylbenzene	11.02	105	623768	52.457	ug/l	100
74) N-amyl acetate	10.90	43	358633	52.528	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213786	49.206	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	192169m	50.167	ug/l	
77) Bromobenzene	11.26	156	149788	49.926	ug/l	98
78) n-propylbenzene	11.36	91	735316	53.877	ug/l	100
79) 2-Chlorotoluene	11.42	91	430504	52.345	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	530242	53.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76014	50.945	ug/l	96
82) 4-Chlorotoluene	11.51	91	503562	52.720	ug/l	100
83) tert-Butylbenzene	11.77	119	499562	52.146	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	530969	52.275	ug/l	99
85) sec-Butylbenzene	11.94	105	618860	54.163	ug/l	100
86) p-Isopropyltoluene	12.06	119	563829	53.674	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274941	52.360	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	274371	51.545	ug/l	100
89) n-Butylbenzene	12.38	91	539649	55.161	ug/l	99
90) Hexachloroethane	12.59	117	92919	53.624	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	269080	51.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47925	48.447	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	195305	52.179	ug/l	100
94) Hexachlorobutadiene	13.78	225	99812	53.466	ug/l	100
95) Naphthalene	13.83	128	600712	50.093	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	191010	51.721	ug/l	99

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

