

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008874.D
 Acq On : 12 Apr 2019 10:10
 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
 4/13/2019 2:10:15 PM

Quant Time: Apr 13 05:09:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	169524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112860	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	5.49	113	82945	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.71	98	336079	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	125089	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125562	64.346	ug/l	99
3) Chloromethane	1.32	50	146202	61.524	ug/l	99
4) Vinyl Chloride	1.41	62	135313	51.296	ug/l	99
5) Bromomethane	1.64	94	79041	60.418	ug/l	100
6) Chloroethane	1.71	64	79036	55.176	ug/l	99
7) Trichlorofluoromethane	1.92	101	153019	52.476	ug/l	100
8) Diethyl Ether	2.18	74	67728	48.978	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97389	51.875	ug/l	98
10) Methyl Iodide	2.51	142	114012	65.345	ug/l	99
11) Tert butyl alcohol	3.05	59	142668	246.460	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95998	48.983	ug/l	98
13) Acrolein	2.29	56	90440	315.085	ug/l	99
14) Allyl chloride	2.72	41	233325	52.005	ug/l	99
15) Acrylonitrile	3.14	53	370798	241.795	ug/l	99
16) Acetone	2.44	43	333246	233.997	ug/l	99
17) Carbon Disulfide	2.57	76	303173	53.623	ug/l	100
18) Methyl Acetate	2.77	43	162463	47.037	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	365091	52.163	ug/l	99
20) Methylene Chloride	2.85	84	116425	48.839	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	106406	50.194	ug/l	94
22) Diisopropyl ether	3.85	45	442813	51.207	ug/l	99
23) Vinyl Acetate	3.81	43	1987239	264.165	ug/l	100
24) 1,1-Dichloroethane	3.69	63	216735	50.622	ug/l	99
25) 2-Butanone	4.67	43	557159	247.526	ug/l	99
26) 2,2-Dichloropropane	4.57	77	164804	54.652	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	120213	49.322	ug/l	99
28) Bromochloromethane	5.01	49	88932	49.708	ug/l	99
29) Tetrahydrofuran	5.12	42	361462	241.946	ug/l	99
30) Chloroform	5.21	83	194904	50.968	ug/l	98
31) Cyclohexane	5.57	56	222212	52.014	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	162273	52.512	ug/l	100
36) 1,1-Dichloropropene	5.79	75	157959	53.907	ug/l	100
37) Ethyl Acetate	4.83	43	209512	53.567	ug/l	100
38) Carbon Tetrachloride	5.78	117	137422	56.664	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205374	56.737	ug/l	99
40) Benzene	6.13	78	473096	54.196	ug/l	99
41) Methacrylonitrile	5.04	41	118767	52.828	ug/l	99
42) 1,2-Dichloroethane	6.19	62	165251	52.804	ug/l	100
43) Isopropyl Acetate	6.44	43	337102	55.020	ug/l	99
44) Trichloroethene	7.21	130	112850	55.505	ug/l	98
45) 1,2-Dichloropropane	7.51	63	133205	53.462	ug/l	99
46) Dibromomethane	7.66	93	74985	51.890	ug/l	98
47) Bromodichloromethane	7.89	83	151555	55.623	ug/l	99
48) Methyl methacrylate	7.76	41	171364	55.291	ug/l	99
49) 1,4-Dioxane	7.74	88	58053	999.904	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1076227	272.869	ug/l	100
52) Toluene	8.78	92	288428	56.044	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180509	59.142	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	200150	57.391	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113509	54.946	ug/l	98
56) Ethyl methacrylate	9.18	69	211584	56.608	ug/l	99
57) 1,3-Dichloropropane	9.37	76	200256	53.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	503952	264.049	ug/l	99
59) 2-Hexanone	9.49	43	818006	266.872	ug/l	100
60) Dibromochloromethane	9.58	129	112127	57.600	ug/l	98
61) 1,2-Dibromoethane	9.67	107	115644	53.773	ug/l	98
64) Tetrachloroethene	9.34	164	102954	57.754	ug/l	99
65) Chlorobenzene	10.13	112	295879	55.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	104827	56.025	ug/l	99
67) Ethyl Benzene	10.25	91	555838	55.890	ug/l	99
68) m/p-Xylenes	10.36	106	406222	113.603	ug/l	98
69) o-Xylene	10.69	106	193475	55.831	ug/l	100
70) Styrene	10.71	104	342627	57.359	ug/l	100
71) Bromoform	10.85	173	84834	59.365	ug/l #	98
73) Isopropylbenzene	11.02	105	524570	54.512	ug/l	100
74) N-amyl acetate	10.90	43	296490	52.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	177370	48.465	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157597m	49.406	ug/l	
77) Bromobenzene	11.26	156	126054	54.489	ug/l	98
78) n-propylbenzene	11.36	91	623233	55.623	ug/l	99
79) 2-Chlorotoluene	11.42	91	360980	53.237	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445366	55.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	66174	57.185	ug/l	97
82) 4-Chlorotoluene	11.51	91	420160	53.532	ug/l	99
83) tert-Butylbenzene	11.77	119	418093	53.799	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	447336	54.692	ug/l	99
85) sec-Butylbenzene	11.94	105	514687	55.757	ug/l	99
86) p-Isopropyltoluene	12.06	119	471986	56.968	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	224229	54.143	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	223479	53.289	ug/l	100
89) n-Butylbenzene	12.38	91	453474	58.362	ug/l	100
90) Hexachloroethane	12.60	117	77558	56.440	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	219248	53.320	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39396	48.934	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	160727	56.218	ug/l	99
94) Hexachlorobutadiene	13.78	225	82872	60.441	ug/l	99
95) Naphthalene	13.83	128	503686	52.712	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159180	55.725	ug/l	98

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

