

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008608.D
 Acq On : 03 Apr 2019 10:43
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:25 PM

Quant Time: Apr 04 04:21:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147336	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	107894	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.71	98	437017	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	155772	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	114148	49.364	ug/l	100
3) Chloromethane	1.32	50	144363	45.189	ug/l	100
4) Vinyl Chloride	1.41	62	152742	48.863	ug/l	100
5) Bromomethane	1.64	94	68628	41.166	ug/l	100
6) Chloroethane	1.71	64	90625	41.260	ug/l	100
7) Trichlorofluoromethane	1.92	101	171017	49.492	ug/l	100
8) Diethyl Ether	2.19	74	80325	49.019	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110211	49.539	ug/l	100
10) Methyl Iodide	2.51	142	103983	56.703	ug/l	100
11) Tert butyl alcohol	3.06	59	170938	249.193	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113181	48.734	ug/l	100
13) Acrolein	2.29	56	82088	241.337	ug/l	100
14) Allyl chloride	2.73	41	264575	49.764	ug/l	100
15) Acrylonitrile	3.15	53	451621	248.520	ug/l	100
16) Acetone	2.45	43	440822	261.207	ug/l	100
17) Carbon Disulfide	2.57	76	342905	45.969	ug/l	100
18) Methyl Acetate	2.78	43	195050	47.655	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	419261	50.550	ug/l	100
20) Methylene Chloride	2.86	84	133707	47.332	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	119791	47.686	ug/l	100
22) Diisopropyl ether	3.86	45	508456	49.618	ug/l	100
23) Vinyl Acetate	3.82	43	2288482	256.714	ug/l	100
24) 1,1-Dichloroethane	3.70	63	252149	49.698	ug/l	100
25) 2-Butanone	4.68	43	689803	258.610	ug/l	100
26) 2,2-Dichloropropane	4.59	77	180926	50.631	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	140113	48.512	ug/l	100
28) Bromochloromethane	5.02	49	115880	48.123	ug/l	100
29) Tetrahydrofuran	5.13	42	440885	249.034	ug/l	100
30) Chloroform	5.21	83	225011	49.654	ug/l	100
31) Cyclohexane	5.58	56	244451	48.286	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	185945	50.778	ug/l	100
36) 1,1-Dichloropropene	5.80	75	179297	48.878	ug/l	100
37) Ethyl Acetate	4.84	43	253855	51.846	ug/l	100
38) Carbon Tetrachloride	5.79	117	155779	51.310	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223379	49.295	ug/l	100
40) Benzene	6.14	78	543534	49.737	ug/l	100
41) Methacrylonitrile	5.04	41	140319	49.857	ug/l	100
42) 1,2-Dichloroethane	6.20	62	191561	48.896	ug/l	100
43) Isopropyl Acetate	6.45	43	394677	51.456	ug/l	100
44) Trichloroethene	7.21	130	126295	49.620	ug/l	100
45) 1,2-Dichloropropane	7.51	63	156223	50.085	ug/l	100
46) Dibromomethane	7.66	93	87683	48.469	ug/l	100
47) Bromodichloromethane	7.90	83	175114	51.339	ug/l	100
48) Methyl methacrylate	7.77	41	200026	51.554	ug/l	100
49) 1,4-Dioxane	7.74	88	72149	992.667	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1274808	258.187	ug/l	100
52) Toluene	8.79	92	325288	50.489	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203954	53.379	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	226719	51.930	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	129821	50.199	ug/l	100
56) Ethyl methacrylate	9.18	69	243512	52.042	ug/l	100
57) 1,3-Dichloropropane	9.37	76	234217	50.436	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	616627	258.082	ug/l	100
59) 2-Hexanone	9.49	43	980485	255.522	ug/l	100
60) Dibromochloromethane	9.58	129	128340	52.664	ug/l	100
61) 1,2-Dibromoethane	9.67	107	136068	50.540	ug/l	100
64) Tetrachloroethene	9.34	164	108420	49.583	ug/l	100
65) Chlorobenzene	10.14	112	325681	49.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118431	51.601	ug/l	100
67) Ethyl Benzene	10.25	91	617572	50.624	ug/l	100
68) m/p-Xylenes	10.36	106	444005	101.226	ug/l	100
69) o-Xylene	10.70	106	214507	50.463	ug/l	100
70) Styrene	10.71	104	376477	51.380	ug/l	100
71) Bromoform	10.85	173	93751	53.483	ug/l #	100
73) Isopropylbenzene	11.02	105	572653	51.369	ug/l	100
74) N-amyl acetate	10.90	43	334431	50.991	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209616	49.442	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	181187m	45.562	ug/l	
77) Bromobenzene	11.26	156	135154	50.432	ug/l	100
78) n-propylbenzene	11.36	91	671014	51.696	ug/l	100
79) 2-Chlorotoluene	11.42	91	393303	50.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	484132	51.737	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73085	54.519	ug/l	100
82) 4-Chlorotoluene	11.51	91	456531	50.210	ug/l	100
83) tert-Butylbenzene	11.77	119	456447	50.701	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	486670	51.363	ug/l	100
85) sec-Butylbenzene	11.94	105	553749	51.783	ug/l	100
86) p-Isopropyltoluene	12.06	119	497361	51.819	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	238671	49.747	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	236264	48.632	ug/l	100
89) n-Butylbenzene	12.38	91	473808	52.639	ug/l	100
90) Hexachloroethane	12.60	117	83854	52.675	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	234844	49.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46588	49.952	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	163079	49.239	ug/l	100
94) Hexachlorobutadiene	13.78	225	81400	51.247	ug/l	100
95) Naphthalene	13.83	128	555178	50.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161155	48.700	ug/l	100

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

