

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014448.D
 Acq On : 07 Jan 2020 14:44
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:15:55 AM

Quant Time: Jan 07 15:34:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	806265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	377436	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	284838	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	240728	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.71	98	931265	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	339687	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	340530	66.952	ug/l	100
3) Chloromethane	1.32	50	344803	53.512	ug/l	100
4) Vinyl Chloride	1.40	62	401668	57.817	ug/l	100
5) Bromomethane	1.63	94	231325	48.350	ug/l	100
6) Chloroethane	1.72	64	215230	51.517	ug/l	100
7) Trichlorofluoromethane	1.92	101	429598	51.374	ug/l	100
8) Diethyl Ether	2.18	74	186451	47.955	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	254772	50.593	ug/l	100
10) Methyl Iodide	2.50	142	348713	56.656	ug/l	100
11) Tert butyl alcohol	3.03	59	315289	241.578	ug/l	100
12) 1,1-Dichloroethene	2.37	96	258079	50.413	ug/l	100
13) Acrolein	2.28	56	250095	311.891	ug/l	100
14) Allyl chloride	2.72	41	459231	50.441	ug/l	100
15) Acrylonitrile	3.13	53	742895	245.604	ug/l	100
16) Acetone	2.43	43	772580	206.359	ug/l	100
17) Carbon Disulfide	2.56	76	707215	47.107	ug/l	100
18) Methyl Acetate	2.76	43	446295	56.147	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	849997	50.731	ug/l	100
20) Methylene Chloride	2.85	84	287037	46.787	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	274637	48.858	ug/l	100
22) Diisopropyl ether	3.84	45	903048	49.883	ug/l	100
23) Vinyl Acetate	3.80	43	3472298	238.067	ug/l	100
24) 1,1-Dichloroethane	3.69	63	490135	48.642	ug/l	100
25) 2-Butanone	4.65	43	1113579	235.621	ug/l	100
26) 2,2-Dichloropropane	4.58	77	409882	51.986	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	312389	49.194	ug/l	100
28) Bromochloromethane	5.01	49	194643	55.807	ug/l	100
29) Tetrahydrofuran	5.11	42	678913	252.044	ug/l	100
30) Chloroform	5.20	83	475509	49.829	ug/l	100
31) Cyclohexane	5.58	56	473223	52.367	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	411475	50.407	ug/l	100
36) 1,1-Dichloropropene	5.79	75	374682	50.215	ug/l	100
37) Ethyl Acetate	4.82	43	412615	50.352	ug/l	100
38) Carbon Tetrachloride	5.78	117	357949	52.570	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	484309	52.210	ug/l	100
40) Benzene	6.14	78	1124418	49.157	ug/l	100
41) Methacrylonitrile	5.03	41	225322	49.434	ug/l	100
42) 1,2-Dichloroethane	6.18	62	382049	49.263	ug/l	100
43) Isopropyl Acetate	6.43	43	679564	50.034	ug/l	100
44) Trichloroethene	7.21	130	319820	50.133	ug/l	100
45) 1,2-Dichloropropane	7.51	63	288964	49.302	ug/l	100
46) Dibromomethane	7.65	93	191111	49.149	ug/l	100
47) Bromodichloromethane	7.89	83	373076	51.007	ug/l	100
48) Methyl methacrylate	7.76	41	335188	50.430	ug/l	100
49) 1,4-Dioxane	7.73	88	135693	996.353	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2092491	246.138	ug/l	100
52) Toluene	8.78	92	720834	49.762	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	430055	53.524	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	475482	53.126	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	287027	49.513	ug/l	100
56) Ethyl methacrylate	9.17	69	467065	51.416	ug/l	100
57) 1,3-Dichloropropane	9.37	76	477159	49.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	781535	232.976	ug/l	100
59) 2-Hexanone	9.48	43	1664151	244.755	ug/l	100
60) Dibromochloromethane	9.57	129	304812	52.768	ug/l	100
61) 1,2-Dibromoethane	9.67	107	300712	50.699	ug/l	100
64) Tetrachloroethene	9.33	164	371031	55.507	ug/l	100
65) Chlorobenzene	10.14	112	775167	49.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	284573	50.802	ug/l	100
67) Ethyl Benzene	10.25	91	1364499	50.704	ug/l	100
68) m/p-Xylenes	10.35	106	1051235	101.385	ug/l	100
69) o-Xylene	10.70	106	502552	49.634	ug/l	100
70) Styrene	10.71	104	874977	51.061	ug/l	100
71) Bromoform	10.85	173	241778	53.504	ug/l	100
73) Isopropylbenzene	11.01	105	1341227	50.273	ug/l	100
74) N-amyl acetate	10.89	43	603935	48.762	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	417537	45.869	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	358976m	44.824	ug/l	
77) Bromobenzene	11.25	156	351866	47.874	ug/l	100
78) n-propylbenzene	11.35	91	1530369	51.144	ug/l	100
79) 2-Chlorotoluene	11.42	91	892914	49.260	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1123297	50.088	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156190	53.445	ug/l	100
82) 4-Chlorotoluene	11.51	91	1036182	49.131	ug/l	100
83) tert-Butylbenzene	11.76	119	1031310	47.588	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1120332	49.941	ug/l	100
85) sec-Butylbenzene	11.94	105	1309203	50.703	ug/l	100
86) p-Isopropyltoluene	12.06	119	1218706	51.501	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	628639	48.752	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	637905	48.512	ug/l	100
89) n-Butylbenzene	12.39	91	1084953	53.502	ug/l	100
90) Hexachloroethane	12.59	117	214429	50.669	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	622982	48.185	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	97508	47.638	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	461492	53.858	ug/l	100
94) Hexachlorobutadiene	13.78	225	216309	52.581	ug/l	100
95) Naphthalene	13.83	128	1384521	55.218	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	453817	53.891	ug/l	100

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

