

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014417.D
 Acq On : 06 Jan 2020 10:25
 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

apatel
 1/7/2020 9:08:09 AM

Quant Time: Jan 06 16:03:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	513700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	753731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	688309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	263198	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	5.48	113	225427	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	843578	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	312025	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	189768	41.292	ug/l	99
3) Chloromethane	1.32	50	250816	40.667	ug/l	97
4) Vinyl Chloride	1.40	62	285620	43.889	ug/l	100
5) Bromomethane	1.63	94	221442	47.942	ug/l	99
6) Chloroethane	1.71	64	181087	45.085	ug/l	94
7) Trichlorofluoromethane	1.92	101	393727	48.873	ug/l	99
8) Diethyl Ether	2.18	74	178510	47.214	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	243259	50.092	ug/l	99
10) Methyl Iodide	2.50	142	300477	47.080	ug/l	99
11) Tert butyl alcohol	3.03	59	289535	230.152	ug/l	100
12) 1,1-Dichloroethene	2.36	96	231609	46.871	ug/l	99
13) Acrolein	2.28	56	183779	255.203	ug/l	98
14) Allyl chloride	2.72	41	438628	49.715	ug/l	99
15) Acrylonitrile	3.13	53	722782	246.154	ug/l	100
16) Acetone	2.43	43	822749	217.671	ug/l	99
17) Carbon Disulfide	2.56	76	554110	40.536	ug/l	99
18) Methyl Acetate	2.76	43	373536	49.873	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	839177	51.680	ug/l	98
20) Methylene Chloride	2.84	84	273612	45.969	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	253451	46.556	ug/l	97
22) Diisopropyl ether	3.84	45	912558	51.904	ug/l	93
23) Vinyl Acetate	3.80	43	3825336	266.617	ug/l	100
24) 1,1-Dichloroethane	3.69	63	480304	49.102	ug/l	99
25) 2-Butanone	4.65	43	1129321	242.342	ug/l	100
26) 2,2-Dichloropropane	4.57	77	406672	53.547	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	304884	49.520	ug/l	99
28) Bromochloromethane	5.00	49	205442	54.569	ug/l	99
29) Tetrahydrofuran	5.11	42	641228	246.014	ug/l	99
30) Chloroform	5.20	83	475285	51.255	ug/l	97
31) Cyclohexane	5.56	56	418450	48.098	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	400792	50.714	ug/l	99
36) 1,1-Dichloropropene	5.79	75	350822	50.727	ug/l	100
37) Ethyl Acetate	4.81	43	397626	52.065	ug/l	100
38) Carbon Tetrachloride	5.77	117	346072	54.929	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	436806	51.151	ug/l	99
40) Benzene	6.13	78	1071319	50.345	ug/l	99
41) Methacrylonitrile	5.02	41	222748	52.566	ug/l	98
42) 1,2-Dichloroethane	6.18	62	371277	51.472	ug/l	99
43) Isopropyl Acetate	6.43	43	672434	53.203	ug/l	100
44) Trichloroethene	7.20	130	302522	51.471	ug/l	99
45) 1,2-Dichloropropane	7.50	63	289076	53.002	ug/l	94
46) Dibromomethane	7.65	93	184567	51.183	ug/l	99
47) Bromodichloromethane	7.89	83	376730	55.472	ug/l	98
48) Methyl methacrylate	7.76	41	329421	53.227	ug/l	99
49) 1,4-Dioxane	7.73	88	116816	927.497	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2047328	257.930	ug/l	100
52) Toluene	8.78	92	684578	50.898	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	421890	56.654	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	467447	56.345	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	281960	52.305	ug/l	99
56) Ethyl methacrylate	9.17	69	457206	53.993	ug/l	100
57) 1,3-Dichloropropane	9.36	76	474897	52.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	948588	296.015	ug/l	100
59) 2-Hexanone	9.48	43	1630074	255.108	ug/l	99
60) Dibromochloromethane	9.57	129	308240	57.525	ug/l	100
61) 1,2-Dibromoethane	9.67	107	291532	52.857	ug/l	100
64) Tetrachloroethene	9.33	164	310663	51.006	ug/l	97
65) Chlorobenzene	10.13	112	748845	51.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	283973	54.343	ug/l	100
67) Ethyl Benzene	10.25	91	1315645	52.289	ug/l	100
68) m/p-Xylenes	10.36	106	1011571	104.530	ug/l	99
69) o-Xylene	10.69	106	493695	52.017	ug/l	100
70) Styrene	10.71	104	847583	52.811	ug/l	99
71) Bromoform	10.85	173	241203	57.423	ug/l #	100
73) Isopropylbenzene	11.01	105	1327541	53.783	ug/l	99
74) N-amyl acetate	10.89	43	596806	51.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	427155	49.916	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	359752m	47.268	ug/l	
77) Bromobenzene	11.25	156	338317	49.816	ug/l	99
78) n-propylbenzene	11.35	91	1506579	54.415	ug/l	99
79) 2-Chlorotoluene	11.42	91	879683	52.269	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1100292	52.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	152868	56.691	ug/l	98
82) 4-Chlorotoluene	11.51	91	1018712	52.182	ug/l	100
83) tert-Butylbenzene	11.76	119	1076072	53.228	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1102654	53.003	ug/l	100
85) sec-Butylbenzene	11.94	105	1312463	54.994	ug/l	100
86) p-Isopropyltoluene	12.06	119	1203443	55.126	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	615165	51.684	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	609056	50.325	ug/l	99
89) n-Butylbenzene	12.39	91	1055256	56.650	ug/l	99
90) Hexachloroethane	12.59	117	219090	55.874	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	608448	50.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92071	48.619	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	426710	54.794	ug/l	97
94) Hexachlorobutadiene	13.78	225	217969	58.238	ug/l	99
95) Naphthalene	13.83	128	1257943	54.979	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	431881	56.180	ug/l	99

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

