

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010820\
 Data File : VX014460.D
 Acq On : 08 Jan 2020 10:26
 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
 1/9/2020 2:33:35 PM

Quant Time: Jan 08 13:34:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	784799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	720491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	375610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	260681	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	
35) Dibromofluoromethane	5.48	113	215390	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
50) Toluene-d8	8.71	98	853270	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
62) 4-Bromofluorobenzene	11.13	95	309133	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	344876	51.163	ug/l	99
3) Chloromethane	1.32	50	343067	49.577	ug/l	99
4) Vinyl Chloride	1.40	62	404844	52.502	ug/l	97
5) Bromomethane	1.63	94	224665	43.954	ug/l	100
6) Chloroethane	1.72	64	215891	51.417	ug/l	97
7) Trichlorofluoromethane	1.92	101	430997	49.273	ug/l	99
8) Diethyl Ether	2.18	74	185430	46.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	260703	48.990	ug/l	99
10) Methyl Iodide	2.50	142	297529	46.692	ug/l	99
11) Tert butyl alcohol	3.02	59	280269	221.491	ug/l	99
12) 1,1-Dichloroethene	2.37	96	258241	48.165	ug/l	97
13) Acrolein	2.28	56	273029	269.199	ug/l	99
14) Allyl chloride	2.72	41	456788	48.526	ug/l	99
15) Acrylonitrile	3.13	53	724150	237.114	ug/l	100
16) Acetone	2.43	43	798549	263.018	ug/l	100
17) Carbon Disulfide	2.56	76	728433	48.691	ug/l	100
18) Methyl Acetate	2.76	43	435062	49.948	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	838425	48.713	ug/l	100
20) Methylene Chloride	2.84	84	284127	46.604	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	280458	47.914	ug/l	98
22) Diisopropyl ether	3.84	45	908818	49.958	ug/l	95
23) Vinyl Acetate	3.80	43	3599702	255.584	ug/l	100
24) 1,1-Dichloroethane	3.69	63	491168	49.633	ug/l	99
25) 2-Butanone	4.65	43	1089996	240.784	ug/l	100
26) 2,2-Dichloropropane	4.57	77	413458	49.320	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	314163	48.012	ug/l	100
28) Bromochloromethane	5.00	49	183456	43.995	ug/l	98
29) Tetrahydrofuran	5.11	42	643554	240.450	ug/l	100
30) Chloroform	5.19	83	478270	49.458	ug/l	99
31) Cyclohexane	5.57	56	476961	51.491	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	410297	49.568	ug/l	99
36) 1,1-Dichloropropene	5.79	75	381714	51.721	ug/l	99
37) Ethyl Acetate	4.81	43	397017	49.525	ug/l	99
38) Carbon Tetrachloride	5.77	117	359174	52.885	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	493591	53.233	ug/l	98
40) Benzene	6.13	78	1134007	51.770	ug/l	99
41) Methacrylonitrile	5.02	41	220040	51.471	ug/l	99
42) 1,2-Dichloroethane	6.18	62	381719	49.841	ug/l	100
43) Isopropyl Acetate	6.43	43	660298	50.988	ug/l	100
44) Trichloroethene	7.20	130	319638	50.777	ug/l	98
45) 1,2-Dichloropropane	7.50	63	287050	51.400	ug/l	99
46) Dibromomethane	7.65	93	186211	47.773	ug/l	99
47) Bromodichloromethane	7.89	83	376630	53.103	ug/l	100
48) Methyl methacrylate	7.76	41	324943	52.390	ug/l	99
49) 1,4-Dioxane	7.73	88	120388	916.032	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	2019984	255.971	ug/l	99
52) Toluene	8.78	92	726822	51.834	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	432019	52.320	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	480139	53.829	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	282253	50.115	ug/l	98
56) Ethyl methacrylate	9.17	69	462517	53.602	ug/l	100
57) 1,3-Dichloropropane	9.36	76	478763	50.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	901243	306.987	ug/l	99
59) 2-Hexanone	9.48	43	1581545	253.288	ug/l	100
60) Dibromochloromethane	9.57	129	307052	54.240	ug/l	100
61) 1,2-Dibromoethane	9.67	107	298565	50.044	ug/l	99
64) Tetrachloroethene	9.33	164	339495	47.015	ug/l	99
65) Chlorobenzene	10.13	112	772564	49.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	283441	50.796	ug/l	99
67) Ethyl Benzene	10.25	91	1391199	52.202	ug/l	99
68) m/p-Xylenes	10.35	106	1069631	104.034	ug/l	99
69) o-Xylene	10.69	106	503000	51.275	ug/l	100
70) Styrene	10.71	104	882026	52.100	ug/l	100
71) Bromoform	10.85	173	236478	51.798	ug/l #	99
73) Isopropylbenzene	11.01	105	1351324	51.233	ug/l	99
74) N-amyl acetate	10.89	43	589071	50.622	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	417129	49.314	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	357995m	46.065	ug/l	
77) Bromobenzene	11.25	156	353554	48.335	ug/l	99
78) n-propylbenzene	11.35	91	1585652	52.493	ug/l	100
79) 2-Chlorotoluene	11.42	91	899957	49.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1144749	52.276	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	154734	52.640	ug/l	99
82) 4-Chlorotoluene	11.51	91	1073858	50.816	ug/l	99
83) tert-Butylbenzene	11.76	119	1083125	52.348	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1152823	52.099	ug/l	100
85) sec-Butylbenzene	11.94	105	1361400	52.928	ug/l	99
86) p-Isopropyltoluene	12.06	119	1264552	52.980	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	648025	49.365	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	658003	53.394	ug/l	100
89) n-Butylbenzene	12.39	91	1158422	53.081	ug/l	100
90) Hexachloroethane	12.59	117	216215	51.570	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	630898	49.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93790	49.294	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	476379	52.781	ug/l	98
94) Hexachlorobutadiene	13.78	225	229884	54.371	ug/l	99
95) Naphthalene	13.83	128	1364381	48.698	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	466716	52.698	ug/l	98

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

