

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014458.D
 Acq On : 07 Jan 2020 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel

1/8/2020 9:16:22 AM

Quant Time: Jan 08 03:16:31 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	526916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	810449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	391449	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	284162	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.49	113	230555	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	912649	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.13	95	335778	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	323318	49.426	ug/l	98
3) Chloromethane	1.32	50	328866	48.963	ug/l	99
4) Vinyl Chloride	1.40	62	379732	50.737	ug/l	100
5) Bromomethane	1.63	94	209849	42.299	ug/l	98
6) Chloroethane	1.72	64	204192	50.069	ug/l	97
7) Trichlorofluoromethane	1.92	101	404022	47.588	ug/l	100
8) Diethyl Ether	2.18	74	179546	46.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	235462	45.586	ug/l	99
10) Methyl Iodide	2.50	142	274624	44.402	ug/l	99
11) Tert butyl alcohol	3.03	59	305774	248.964	ug/l	99
12) 1,1-Dichloroethene	2.37	96	242530	46.604	ug/l	98
13) Acrolein	2.28	56	233400	237.093	ug/l	98
14) Allyl chloride	2.72	41	429362	46.993	ug/l	99
15) Acrylonitrile	3.13	53	731643	246.821	ug/l	99
16) Acetone	2.43	43	735755	249.457	ug/l	100
17) Carbon Disulfide	2.56	76	669883	46.133	ug/l	99
18) Methyl Acetate	2.76	43	448511	53.051	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	815701	48.827	ug/l	99
20) Methylene Chloride	2.85	84	276837	46.783	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	262308	46.170	ug/l	98
22) Diisopropyl ether	3.84	45	859433	48.674	ug/l	97
23) Vinyl Acetate	3.80	43	2725139	199.347	ug/l	99
24) 1,1-Dichloroethane	3.69	63	469022	48.830	ug/l	100
25) 2-Butanone	4.65	43	1082418	246.349	ug/l	98
26) 2,2-Dichloropropane	4.58	77	357514	43.938	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	302800	47.676	ug/l	98
28) Bromochloromethane	5.01	49	182102	44.992	ug/l	99
29) Tetrahydrofuran	5.11	42	662664	255.086	ug/l	99
30) Chloroform	5.20	83	454047	48.375	ug/l	100
31) Cyclohexane	5.58	56	443198	49.295	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	391679	48.751	ug/l	99
36) 1,1-Dichloropropene	5.79	75	351258	46.088	ug/l	99
37) Ethyl Acetate	4.82	43	401571	48.507	ug/l	99
38) Carbon Tetrachloride	5.78	117	334415	47.681	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	444399	46.411	ug/l	99
40) Benzene	6.14	78	1077747	47.645	ug/l	100
41) Methacrylonitrile	5.03	41	223591	50.646	ug/l	98
42) 1,2-Dichloroethane	6.18	62	366611	46.353	ug/l	100
43) Isopropyl Acetate	6.43	43	659332	49.302	ug/l	99
44) Trichloroethene	7.21	130	315515	48.536	ug/l	99
45) 1,2-Dichloropropane	7.51	63	276324	47.914	ug/l	99
46) Dibromomethane	7.65	93	180216	44.772	ug/l	98
47) Bromodichloromethane	7.89	83	356842	48.720	ug/l	99
48) Methyl methacrylate	7.76	41	325424	50.807	ug/l	100
49) 1,4-Dioxane	7.73	88	132037	972.872	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2043695	250.779	ug/l	99
52) Toluene	8.78	92	683298	47.188	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	405743	47.583	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	445641	48.380	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	274821	47.251	ug/l	97
56) Ethyl methacrylate	9.17	69	446183	50.073	ug/l	99
57) 1,3-Dichloropropane	9.37	76	461172	47.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	776791	256.221	ug/l	99
59) 2-Hexanone	9.48	43	1596733	247.627	ug/l	99
60) Dibromochloromethane	9.57	129	289827	49.577	ug/l	100
61) 1,2-Dibromoethane	9.67	107	287224	46.619	ug/l	100
64) Tetrachloroethene	9.33	164	423927	57.759	ug/l	98
65) Chlorobenzene	10.14	112	739433	46.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	269650	47.544	ug/l	100
67) Ethyl Benzene	10.25	91	1294860	47.802	ug/l	97
68) m/p-Xylenes	10.35	106	992788	94.999	ug/l	99
69) o-Xylene	10.70	106	479162	48.055	ug/l	100
70) Styrene	10.71	104	841643	48.911	ug/l	100
71) Bromoform	10.85	173	228802	49.307	ug/l #	100
73) Isopropylbenzene	11.01	105	1271479	46.255	ug/l	99
74) N-amyl acetate	10.89	43	570534	47.045	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	388475	44.068	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	402224m	49.662	ug/l	
77) Bromobenzene	11.25	156	340099	44.615	ug/l	99
78) n-propylbenzene	11.35	91	1465028	46.537	ug/l	100
79) 2-Chlorotoluene	11.42	91	847858	45.190	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1064949	46.664	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	146261	47.744	ug/l	99
82) 4-Chlorotoluene	11.51	91	995969	45.223	ug/l	100
83) tert-Butylbenzene	11.76	119	918443	42.593	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1068160	46.320	ug/l	100
85) sec-Butylbenzene	11.94	105	1258257	46.939	ug/l	99
86) p-Isopropyltoluene	12.06	119	1148830	46.184	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	608922	44.509	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	606617	47.164	ug/l	99
89) n-Butylbenzene	12.39	91	1027660	45.184	ug/l	100
90) Hexachloroethane	12.59	117	199211	45.592	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	596039	44.468	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	93233	47.018	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	442792	47.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	198549	45.070	ug/l	99
95) Naphthalene	13.83	128	1325849	45.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	431609	46.731	ug/l	100

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

