

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014391.D
 Acq On : 03 Jan 2020 11:01
 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
 1/6/2020 10:41:36 AM

Quant Time: Jan 06 02:41:58 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	529169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	797127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	712783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	359356	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	296830	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	5.48	113	253697	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	8.71	98	964453	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	351874	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	211503	44.676	ug/l	97
3) Chloromethane	1.32	50	284647	44.803	ug/l	100
4) Vinyl Chloride	1.40	62	313432	46.754	ug/l	99
5) Bromomethane	1.63	94	243095	51.091	ug/l	98
6) Chloroethane	1.72	64	204490	49.423	ug/l	94
7) Trichlorofluoromethane	1.92	101	427887	51.561	ug/l	99
8) Diethyl Ether	2.18	74	200790	51.554	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268055	53.585	ug/l	99
10) Methyl Iodide	2.50	142	306335	46.622	ug/l	99
11) Tert butyl alcohol	3.03	59	331571	255.862	ug/l	97
12) 1,1-Dichloroethene	2.36	96	259390	50.958	ug/l	98
13) Acrolein	2.28	56	220493	297.235	ug/l	99
14) Allyl chloride	2.72	41	484216	53.278	ug/l	99
15) Acrylonitrile	3.12	53	825612	272.955	ug/l	99
16) Acetone	2.43	43	923070	237.074	ug/l	99
17) Carbon Disulfide	2.56	76	619959	43.963	ug/l	98
18) Methyl Acetate	2.76	43	422512	54.763	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	927962	55.478	ug/l	99
20) Methylene Chloride	2.84	84	304640	49.686	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	278003	49.574	ug/l	98
22) Diisopropyl ether	3.84	45	996671	55.031	ug/l	97
23) Vinyl Acetate	3.80	43	4265423	288.599	ug/l	99
24) 1,1-Dichloroethane	3.69	63	528403	52.440	ug/l	98
25) 2-Butanone	4.65	43	1263491	263.208	ug/l	100
26) 2,2-Dichloropropane	4.57	77	446840	57.116	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	333906	52.648	ug/l	100
28) Bromochloromethane	5.00	49	212401	54.767	ug/l	99
29) Tetrahydrofuran	5.11	42	733408	273.154	ug/l	99
30) Chloroform	5.20	83	516461	54.068	ug/l	98
31) Cyclohexane	5.56	56	460402	51.373	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	441937	54.285	ug/l	98
36) 1,1-Dichloropropene	5.79	75	385083	52.649	ug/l	99
37) Ethyl Acetate	4.81	43	453023	56.089	ug/l	99
38) Carbon Tetrachloride	5.77	117	374994	56.280	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	480592	53.215	ug/l	99
40) Benzene	6.13	78	1189092	52.838	ug/l	100
41) Methacrylonitrile	5.02	41	253409	56.546	ug/l	99
42) 1,2-Dichloroethane	6.18	62	412451	54.067	ug/l	99
43) Isopropyl Acetate	6.43	43	749642	56.083	ug/l	99
44) Trichloroethene	7.20	130	327511	52.689	ug/l	100
45) 1,2-Dichloropropane	7.50	63	316740	54.912	ug/l	99
46) Dibromomethane	7.65	93	202655	53.140	ug/l	99
47) Bromodichloromethane	7.89	83	415738	57.883	ug/l	98
48) Methyl methacrylate	7.76	41	365376	55.823	ug/l	99
49) 1,4-Dioxane	7.73	88	129173	969.774	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2297028	273.633	ug/l	100
52) Toluene	8.78	92	749553	52.695	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	460863	58.519	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	515322	58.734	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	312882	54.882	ug/l	99
56) Ethyl methacrylate	9.17	69	508495	56.781	ug/l	100
57) 1,3-Dichloropropane	9.36	76	523037	54.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1017458	300.221	ug/l	99
59) 2-Hexanone	9.48	43	1827280	270.402	ug/l	99
60) Dibromochloromethane	9.57	129	338274	59.693	ug/l	100
61) 1,2-Dibromoethane	9.67	107	320253	54.903	ug/l	100
64) Tetrachloroethene	9.33	164	325844	51.662	ug/l	97
65) Chlorobenzene	10.13	112	817544	53.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	312643	57.775	ug/l	98
67) Ethyl Benzene	10.25	91	1449546	55.632	ug/l	99
68) m/p-Xylenes	10.36	106	1108729	110.636	ug/l	99
69) o-Xylene	10.69	106	539492	54.890	ug/l	100
70) Styrene	10.71	104	926502	55.747	ug/l	99
71) Bromoform	10.85	173	264392	60.782	ug/l #	99
73) Isopropylbenzene	11.01	105	1427833	56.433	ug/l	99
74) N-amyl acetate	10.89	43	660911	55.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	478521	54.552	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	394721m	50.595	ug/l	
77) Bromobenzene	11.25	156	372469	53.505	ug/l	98
78) n-propylbenzene	11.35	91	1637763	57.708	ug/l	100
79) 2-Chlorotoluene	11.42	91	951702	55.166	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1208057	56.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	171674	62.110	ug/l	98
82) 4-Chlorotoluene	11.51	91	1102101	55.074	ug/l	100
83) tert-Butylbenzene	11.76	119	1166662	56.300	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1213075	56.886	ug/l	99
85) sec-Butylbenzene	11.94	105	1419756	58.036	ug/l	100
86) p-Isopropyltoluene	12.06	119	1298596	58.032	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	660672	54.151	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	662214	53.381	ug/l	99
89) n-Butylbenzene	12.39	91	1143450	59.885	ug/l	100
90) Hexachloroethane	12.59	117	235263	58.532	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	659113	53.666	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102031	52.562	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	463257	58.033	ug/l	98
94) Hexachlorobutadiene	13.78	225	226030	58.917	ug/l	97
95) Naphthalene	13.83	128	1402532	59.801	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	462800	58.731	ug/l	98

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

