

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090820\
 Data File : VX018291.D
 Acq On : 08 Sep 2020 21:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:09 PM

Quant Time: Sep 09 02:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	399414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	616302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	334629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	297093	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	5.46	113	231326	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
50) Toluene-d8	8.70	98	804861	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.12	95	324705	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	237445	48.827	ug/l	97
3) Chloromethane	1.31	50	223005	43.497	ug/l	98
4) Vinyl Chloride	1.39	62	234574	45.962	ug/l	98
5) Bromomethane	1.62	94	142995	58.089	ug/l	97
6) Chloroethane	1.70	64	139214	50.787	ug/l	96
7) Trichlorofluoromethane	1.91	101	402574	57.848	ug/l	98
8) Diethyl Ether	2.17	74	125276	53.082	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202051	53.704	ug/l	98
10) Methyl Iodide	2.49	142	209096	51.740	ug/l	98
11) Tert butyl alcohol	3.02	59	265660	246.409	ug/l	99
12) 1,1-Dichloroethene	2.36	96	196726	50.400	ug/l	95
13) Acrolein	2.27	56	94905	212.297	ug/l	98
14) Allyl chloride	2.71	41	346364	49.391	ug/l	97
15) Acrylonitrile	3.12	53	608088	248.645	ug/l	100
16) Acetone	2.42	43	549695	254.415	ug/l	93
17) Carbon Disulfide	2.55	76	529959	44.913	ug/l	99
18) Methyl Acetate	2.75	43	295996	56.771	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	719041	53.715	ug/l	98
20) Methylene Chloride	2.83	84	225597	51.091	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	215544	49.843	ug/l	99
22) Diisopropyl ether	3.82	45	722125	52.173	ug/l	91
23) Vinyl Acetate	3.79	43	3174998	257.798	ug/l	99
24) 1,1-Dichloroethane	3.67	63	407194	51.682	ug/l	98
25) 2-Butanone	4.64	43	852599	240.107	ug/l	99
26) 2,2-Dichloropropane	4.55	77	317810	49.576	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	243228	48.816	ug/l	100
28) Bromochloromethane	4.98	49	182045	47.868	ug/l	96
29) Tetrahydrofuran	5.09	42	545288	241.231	ug/l	97
30) Chloroform	5.18	83	434687	53.282	ug/l	98
31) Cyclohexane	5.54	56	317876	47.896	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	400773	53.531	ug/l	100
36) 1,1-Dichloropropene	5.77	75	301510	53.041	ug/l	99
37) Ethyl Acetate	4.79	43	334056	50.598	ug/l	99
38) Carbon Tetrachloride	5.75	117	370035	57.763	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	317608	51.097	ug/l	96
40) Benzene	6.11	78	867520	51.938	ug/l	100
41) Methacrylonitrile	5.01	41	181687	50.120	ug/l	97
42) 1,2-Dichloroethane	6.16	62	368168	57.530	ug/l	97
43) Isopropyl Acetate	6.41	43	554372	51.987	ug/l	99
44) Trichloroethene	7.19	130	246275	52.181	ug/l	99
45) 1,2-Dichloropropane	7.49	63	238021	52.873	ug/l	98
46) Dibromomethane	7.64	93	168325	53.171	ug/l	99
47) Bromodichloromethane	7.88	83	352262	55.729	ug/l	100
48) Methyl methacrylate	7.74	41	276489	52.084	ug/l	98
49) 1,4-Dioxane	7.71	88	95267	990.732	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1737225	263.733	ug/l	100
52) Toluene	8.77	92	557241	52.613	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	375583	53.612	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	394839	53.204	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	241651	53.496	ug/l	97
56) Ethyl methacrylate	9.16	69	357469	53.233	ug/l	98
57) 1,3-Dichloropropane	9.35	76	393221	52.778	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	605744	200.523	ug/l	99
59) 2-Hexanone	9.48	43	1345756	268.684	ug/l	99
60) Dibromochloromethane	9.57	129	299088	56.442	ug/l	100
61) 1,2-Dibromoethane	9.65	107	258588	52.729	ug/l	100
64) Tetrachloroethene	9.32	164	224193	50.663	ug/l	96
65) Chlorobenzene	10.12	112	622339	51.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	257759	54.378	ug/l	99
67) Ethyl Benzene	10.24	91	1092372	53.410	ug/l	100
68) m/p-Xylenes	10.34	106	837232	109.673	ug/l	99
69) o-Xylene	10.68	106	404055	54.600	ug/l	99
70) Styrene	10.70	104	696594	55.274	ug/l	98
71) Bromoform	10.84	173	232765	57.570	ug/l #	99
73) Isopropylbenzene	11.00	105	1107214	50.163	ug/l	99
74) N-amyl acetate	10.88	43	505004	48.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	372571	47.849	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	351668m	47.242	ug/l	
77) Bromobenzene	11.24	156	299964	49.164	ug/l	96
78) n-propylbenzene	11.34	91	1287795	51.384	ug/l	99
79) 2-Chlorotoluene	11.40	91	780339	50.396	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	961939	53.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	125221	45.433	ug/l	95
82) 4-Chlorotoluene	11.49	91	942220	51.187	ug/l	100
83) tert-Butylbenzene	11.76	119	936816	52.336	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	994325	53.619	ug/l	98
85) sec-Butylbenzene	11.93	105	1078349	52.975	ug/l	99
86) p-Isopropyltoluene	12.05	119	1025680	54.855	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	534749	49.920	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	536633	50.033	ug/l	97
89) n-Butylbenzene	12.37	91	891847	52.258	ug/l	99
90) Hexachloroethane	12.58	117	204242	55.519	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	502893	49.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	95426	49.014	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	343266	51.051	ug/l	96
94) Hexachlorobutadiene	13.76	225	143822	54.228	ug/l	96
95) Naphthalene	13.82	128	1106830	50.017	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	340065	51.184	ug/l	98

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

