

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061620\
 Data File : VX016811.D
 Acq On : 17 Jun 2020 04:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:30:06 AM

Quant Time: Jun 17 07:17:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	530390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175895	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.46	113	146800	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	
50) Toluene-d8	8.70	98	564772	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.12	95	213600	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	171052	52.342	ug/l	99
3) Chloromethane	1.31	50	159409	50.489	ug/l	99
4) Vinyl Chloride	1.39	62	211970	62.919	ug/l	98
5) Bromomethane	1.62	94	101832	48.671	ug/l	95
6) Chloroethane	1.70	64	124128	59.814	ug/l	95
7) Trichlorofluoromethane	1.91	101	274771	56.629	ug/l	100
8) Diethyl Ether	2.17	74	108697	54.858	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	143835	58.266	ug/l	98
10) Methyl Iodide	2.49	142	152443	49.407	ug/l	97
11) Tert butyl alcohol	3.01	59	198335	242.675	ug/l	100
12) 1,1-Dichloroethene	2.36	96	156852	55.486	ug/l	98
13) Acrolein	2.27	56	101972	292.632	ug/l	97
14) Allyl chloride	2.70	41	214037	48.411	ug/l	96
15) Acrylonitrile	3.11	53	425124	256.344	ug/l	99
16) Acetone	2.42	43	403948	273.733	ug/l	99
17) Carbon Disulfide	2.55	76	406604	50.223	ug/l	99
18) Methyl Acetate	2.75	43	210008	53.316	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	477464	49.556	ug/l	100
20) Methylene Chloride	2.83	84	154909	48.734	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	146893	48.355	ug/l	98
22) Diisopropyl ether	3.82	45	427839	51.518	ug/l	98
23) Vinyl Acetate	3.78	43	1826825	254.504	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256738	49.428	ug/l	100
25) 2-Butanone	4.63	43	663071	298.139	ug/l	97
26) 2,2-Dichloropropane	4.55	77	177502	36.906	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	187542	54.014	ug/l	97
28) Bromochloromethane	4.98	49	111460	50.303	ug/l	97
29) Tetrahydrofuran	5.09	42	375577	260.681	ug/l	98
30) Chloroform	5.18	83	267119	48.610	ug/l	98
31) Cyclohexane	5.55	56	220558	52.695	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246939	49.522	ug/l	100
36) 1,1-Dichloropropene	5.77	75	197329	42.100	ug/l	99
37) Ethyl Acetate	4.79	43	226847	44.193	ug/l	99
38) Carbon Tetrachloride	5.76	117	221895	41.684	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	261327	48.116	ug/l	97
40) Benzene	6.11	78	607673	42.581	ug/l	99
41) Methacrylonitrile	5.00	41	119661	43.721	ug/l	97
42) 1,2-Dichloroethane	6.16	62	207397	39.818	ug/l	98
43) Isopropyl Acetate	6.42	43	414539	51.528	ug/l	99
44) Trichloroethene	7.19	130	213401	48.342	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172171	49.215	ug/l	99
46) Dibromomethane	7.64	93	117754	46.183	ug/l	100
47) Bromodichloromethane	7.88	83	244948	46.080	ug/l	98
48) Methyl methacrylate	7.74	41	196156	51.444	ug/l	96
49) 1,4-Dioxane	7.71	88	88857	941.677	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1095239	220.933	ug/l	100
52) Toluene	8.77	92	393135	42.410	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	234749	39.099	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	283309	45.238	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	157170	42.160	ug/l	97
56) Ethyl methacrylate	9.16	69	253469	45.412	ug/l	99
57) 1,3-Dichloropropane	9.35	76	263814	42.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	734685	267.705	ug/l	97
59) 2-Hexanone	9.48	43	854053	223.172	ug/l	99
60) Dibromochloromethane	9.57	129	184825	41.950	ug/l	100
61) 1,2-Dibromoethane	9.65	107	172372	42.427	ug/l	99
64) Tetrachloroethene	9.32	164	213050	52.585	ug/l	98
65) Chlorobenzene	10.12	112	429787	50.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	169413	49.604	ug/l	99
67) Ethyl Benzene	10.24	91	744564	51.445	ug/l	100
68) m/p-Xylenes	10.34	106	571472	104.140	ug/l	99
69) o-Xylene	10.68	106	270121	51.095	ug/l	100
70) Styrene	10.70	104	477520	52.250	ug/l	99
71) Bromoform	10.84	173	148778	51.056	ug/l #	98
73) Isopropylbenzene	11.00	105	732935	45.961	ug/l	100
74) N-amyl acetate	10.88	43	304611	49.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	201166	42.884	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	221644m	43.368	ug/l	
77) Bromobenzene	11.24	156	197767	43.923	ug/l	98
78) n-propylbenzene	11.34	91	809301	46.732	ug/l	100
79) 2-Chlorotoluene	11.40	91	493837	45.095	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	624468	46.714	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78801	38.815	ug/l	95
82) 4-Chlorotoluene	11.49	91	575371	44.887	ug/l	100
83) tert-Butylbenzene	11.76	119	563773	46.091	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	614854	45.468	ug/l	98
85) sec-Butylbenzene	11.93	105	675055	47.181	ug/l	100
86) p-Isopropyltoluene	12.05	119	726639	52.930	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369021	48.478	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	382465	48.450	ug/l	100
89) n-Butylbenzene	12.37	91	605255	53.407	ug/l	99
90) Hexachloroethane	12.58	117	132381	52.292	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	367782	48.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56182	42.828	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237638	44.577	ug/l	97
94) Hexachlorobutadiene	13.76	225	99027	42.279	ug/l	97
95) Naphthalene	13.82	128	779168	46.655	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	239864	45.714	ug/l	99

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

