

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072920\
 Data File : VX017672.D
 Acq On : 29 Jul 2020 17:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:08:31 PM

Quant Time: Jul 30 05:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	600259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	890180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	843966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	449268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	373780	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.46	113	293321	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.70	98	1057199	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.12	95	416339	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	268875	48.245	ug/l	98
3) Chloromethane	1.31	50	313018	42.244	ug/l	98
4) Vinyl Chloride	1.39	62	317833	42.077	ug/l	100
5) Bromomethane	1.62	94	192574	47.266	ug/l	99
6) Chloroethane	1.71	64	194749	46.706	ug/l	99
7) Trichlorofluoromethane	1.92	101	529410	44.560	ug/l	99
8) Diethyl Ether	2.17	74	177685	46.022	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	285446	43.781	ug/l	98
10) Methyl Iodide	2.49	142	356705	42.765	ug/l	97
11) Tert butyl alcohol	3.01	59	323371	198.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	272947	44.023	ug/l	99
13) Acrolein	2.27	56	296690	239.307	ug/l	100
14) Allyl chloride	2.70	41	510292	45.075	ug/l	97
15) Acrylonitrile	3.11	53	764732	217.875	ug/l	99
16) Acetone	2.42	43	689680	203.223	ug/l	98
17) Carbon Disulfide	2.55	76	751505	39.878	ug/l	99
18) Methyl Acetate	2.75	43	352423	44.093	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	955828	44.541	ug/l	100
20) Methylene Chloride	2.83	84	304813	47.629	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	299900	45.152	ug/l	99
22) Diisopropyl ether	3.82	45	970670	46.892	ug/l	99
23) Vinyl Acetate	3.78	43	4278938	231.835	ug/l	100
24) 1,1-Dichloroethane	3.67	63	541001	45.369	ug/l	99
25) 2-Butanone	4.63	43	1072071	222.370	ug/l	96
26) 2,2-Dichloropropane	4.55	77	517302	48.463	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	335740	46.538	ug/l	99
28) Bromochloromethane	4.98	49	236518	43.770	ug/l	99
29) Tetrahydrofuran	5.08	42	677257	226.787	ug/l	99
30) Chloroform	5.17	83	577951	47.434	ug/l	99
31) Cyclohexane	5.54	56	459164	48.287	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	541403	47.122	ug/l	100
36) 1,1-Dichloropropene	5.76	75	417376	48.887	ug/l	100
37) Ethyl Acetate	4.79	43	419341	44.890	ug/l	100
38) Carbon Tetrachloride	5.75	117	503499	48.564	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	478546	48.015	ug/l	99
40) Benzene	6.11	78	1190506	48.638	ug/l	99
41) Methacrylonitrile	5.00	41	234505	43.796	ug/l	98
42) 1,2-Dichloroethane	6.16	62	483143	48.248	ug/l	99
43) Isopropyl Acetate	6.41	43	704652	45.718	ug/l	100
44) Trichloroethene	7.18	130	362002	50.607	ug/l	95
45) 1,2-Dichloropropane	7.49	63	319702	47.116	ug/l	97
46) Dibromomethane	7.63	93	224381	46.792	ug/l	98
47) Bromodichloromethane	7.87	83	468696	48.576	ug/l	99
48) Methyl methacrylate	7.74	41	354915	46.455	ug/l	99
49) 1,4-Dioxane	7.71	88	132861	907.040	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2151635	233.968	ug/l	99
52) Toluene	8.76	92	777072	49.503	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	526322	48.729	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	545861	49.547	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	318377	48.687	ug/l	99
56) Ethyl methacrylate	9.16	69	478820	48.602	ug/l	99
57) 1,3-Dichloropropane	9.35	76	520430	48.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1223830	235.787	ug/l	100
59) 2-Hexanone	9.47	43	1631000	235.565	ug/l	100
60) Dibromochloromethane	9.56	129	404335	48.648	ug/l	100
61) 1,2-Dibromoethane	9.65	107	353061	50.713	ug/l	99
64) Tetrachloroethene	9.32	164	364729	48.150	ug/l	98
65) Chlorobenzene	10.12	112	869900	47.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	351692	47.702	ug/l	99
67) Ethyl Benzene	10.23	91	1530780	50.200	ug/l	98
68) m/p-Xylenes	10.34	106	1165069	98.624	ug/l	96
69) o-Xylene	10.68	106	551519	48.542	ug/l	100
70) Styrene	10.70	104	974994	50.437	ug/l	98
71) Bromoform	10.84	173	297820	46.625	ug/l #	98
73) Isopropylbenzene	11.00	105	1545492	50.145	ug/l	99
74) N-amyl acetate	10.88	43	633411	46.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	423892	44.063	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	424150m	45.896	ug/l	
77) Bromobenzene	11.24	156	410054	47.524	ug/l	97
78) n-propylbenzene	11.34	91	1763052	50.720	ug/l	100
79) 2-Chlorotoluene	11.40	91	1040517	48.322	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1320289	50.173	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	167582	45.692	ug/l	99
82) 4-Chlorotoluene	11.49	91	1239884	48.813	ug/l	99
83) tert-Butylbenzene	11.76	119	1248285	49.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1333894	50.964	ug/l	99
85) sec-Butylbenzene	11.93	105	1502849	51.235	ug/l	99
86) p-Isopropyltoluene	12.05	119	1433642	51.324	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	721106	48.668	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	722395	47.069	ug/l	99
89) n-Butylbenzene	12.37	91	1243130	49.944	ug/l	99
90) Hexachloroethane	12.58	117	259560	47.132	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	682433	46.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108981	40.570	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	504288	50.740	ug/l	99
94) Hexachlorobutadiene	13.77	225	221388	48.391	ug/l	98
95) Naphthalene	13.82	128	1478818	49.844	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	486477	49.573	ug/l	98

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

