

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017756.D
 Acq On : 03 Aug 2020 19:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 9:51:49 AM

Quant Time: Aug 04 07:58:09 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	629582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	984549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	969511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	504830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	352790	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	5.46	113	278517	42.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.60%	
50) Toluene-d8	8.70	98	991070	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	
62) 4-Bromofluorobenzene	11.12	95	400020	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	255843	43.672	ug/l	98
3) Chloromethane	1.31	50	311463	40.096	ug/l	98
4) Vinyl Chloride	1.39	62	311766	39.352	ug/l	99
5) Bromomethane	1.62	94	179092	41.542	ug/l	97
6) Chloroethane	1.70	64	191727	43.792	ug/l	100
7) Trichlorofluoromethane	1.91	101	514693	41.304	ug/l	99
8) Diethyl Ether	2.17	74	183607	45.320	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268054	39.199	ug/l	97
10) Methyl Iodide	2.50	142	337651	38.595	ug/l	96
11) Tert butyl alcohol	3.02	59	355408	208.517	ug/l	99
12) 1,1-Dichloroethene	2.36	96	263821	40.570	ug/l	99
13) Acrolein	2.27	56	288173	221.918	ug/l	100
14) Allyl chloride	2.71	41	514189	43.303	ug/l	98
15) Acrylonitrile	3.12	53	857251	232.858	ug/l	100
16) Acetone	2.42	43	773759	217.379	ug/l	96
17) Carbon Disulfide	2.55	76	698750	35.352	ug/l	98
18) Methyl Acetate	2.75	43	415433	49.556	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	984615	43.745	ug/l	99
20) Methylene Chloride	2.84	84	307610	45.777	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	291799	41.886	ug/l	99
22) Diisopropyl ether	3.83	45	994479	45.804	ug/l	100
23) Vinyl Acetate	3.79	43	4392451	226.901	ug/l	99
24) 1,1-Dichloroethane	3.67	63	550909	44.048	ug/l	99
25) 2-Butanone	4.64	43	1212881	239.860	ug/l	100
26) 2,2-Dichloropropane	4.56	77	462369	41.300	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	335043	44.279	ug/l	99
28) Bromochloromethane	4.98	49	240222	42.385	ug/l	100
29) Tetrahydrofuran	5.09	42	760023	242.648	ug/l	100
30) Chloroform	5.18	83	582607	45.590	ug/l	97
31) Cyclohexane	5.55	56	433225	43.437	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	541065	44.899	ug/l	100
36) 1,1-Dichloropropene	5.77	75	410487	43.471	ug/l	99
37) Ethyl Acetate	4.79	43	465170	45.023	ug/l	99
38) Carbon Tetrachloride	5.76	117	501376	43.724	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427614	38.792	ug/l	97
40) Benzene	6.12	78	1192986	44.067	ug/l	98
41) Methacrylonitrile	5.01	41	264944	44.738	ug/l	99
42) 1,2-Dichloroethane	6.17	62	493889	44.594	ug/l	100
43) Isopropyl Acetate	6.42	43	772613	45.323	ug/l	100
44) Trichloroethene	7.19	130	349544	44.182	ug/l	99
45) 1,2-Dichloropropane	7.49	63	325878	43.423	ug/l	98
46) Dibromomethane	7.64	93	228886	43.156	ug/l	99
47) Bromodichloromethane	7.88	83	484591	45.409	ug/l	98
48) Methyl methacrylate	7.75	41	387842	45.899	ug/l	99
49) 1,4-Dioxane	7.72	88	129170	797.317	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2450831	240.958	ug/l	99
52) Toluene	8.77	92	773721	44.565	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	534237	44.721	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	543959	44.642	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	335403	46.375	ug/l	99
56) Ethyl methacrylate	9.16	69	514280	47.198	ug/l	99
57) 1,3-Dichloropropane	9.35	76	554813	46.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1236813	215.449	ug/l	100
59) 2-Hexanone	9.48	43	1838895	240.135	ug/l	99
60) Dibromochloromethane	9.57	129	417381	45.404	ug/l	98
61) 1,2-Dibromoethane	9.65	107	369948	48.045	ug/l	99
64) Tetrachloroethene	9.32	164	355398	40.843	ug/l	99
65) Chlorobenzene	10.12	112	899562	42.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	365766	43.187	ug/l	99
67) Ethyl Benzene	10.24	91	1565320	44.685	ug/l	100
68) m/p-Xylenes	10.34	106	1170840	86.278	ug/l	96
69) o-Xylene	10.68	106	569823	43.658	ug/l	100
70) Styrene	10.70	104	997527	44.920	ug/l	99
71) Bromoform	10.84	173	318176	43.362	ug/l #	100
73) Isopropylbenzene	11.00	105	1564920	45.187	ug/l	99
74) N-amyl acetate	10.88	43	676106	43.939	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	472518	43.712	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	461781m	44.468	ug/l	
77) Bromobenzene	11.24	156	410175	42.306	ug/l	97
78) n-propylbenzene	11.34	91	1772533	45.380	ug/l	99
79) 2-Chlorotoluene	11.40	91	1063417	43.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1311265	44.346	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	174856	42.428	ug/l	98
82) 4-Chlorotoluene	11.49	91	1253081	43.903	ug/l	99
83) tert-Butylbenzene	11.76	119	1274315	45.039	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1342698	45.654	ug/l	100
85) sec-Butylbenzene	11.93	105	1477973	44.842	ug/l	100
86) p-Isopropyltoluene	12.05	119	1377796	43.896	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	725157	43.555	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	727557	42.188	ug/l	100
89) n-Butylbenzene	12.37	91	1201605	42.963	ug/l	99
90) Hexachloroethane	12.58	117	262018	42.342	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	717685	43.859	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	126162	41.719	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	508693	45.550	ug/l	99
94) Hexachlorobutadiene	13.77	225	180549	35.121	ug/l	96
95) Naphthalene	13.82	128	1675518	50.258	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	504133	45.718	ug/l	99

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

