

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018160.D
 Acq On : 31 Aug 2020 20:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:46 AM

Quant Time: Sep 01 06:56:13 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	5.64	168	451592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	713775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	691752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	378306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	315878	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.47	113	248146	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.70	98	877729	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.12	95	361831	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	278294	50.615	ug/l	98
3) Chloromethane	1.31	50	277660	47.900	ug/l	99
4) Vinyl Chloride	1.39	62	272727	47.264	ug/l	99
5) Bromomethane	1.62	94	161738	58.112	ug/l	100
6) Chloroethane	1.70	64	160272	51.714	ug/l	100
7) Trichlorofluoromethane	1.91	101	439492	55.856	ug/l	97
8) Diethyl Ether	2.17	74	137539	51.544	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	215401	50.638	ug/l	99
10) Methyl Iodide	2.49	142	271197	58.575	ug/l	98
11) Tert butyl alcohol	3.02	59	290481	238.300	ug/l	100
12) 1,1-Dichloroethene	2.36	96	216767	49.118	ug/l	96
13) Acrolein	2.28	56	151076	298.902	ug/l	97
14) Allyl chloride	2.71	41	387891	48.922	ug/l	97
15) Acrylonitrile	3.12	53	664217	240.215	ug/l	100
16) Acetone	2.42	43	593834	243.087	ug/l	98
17) Carbon Disulfide	2.54	76	615031	46.100	ug/l	97
18) Methyl Acetate	2.75	43	334829	56.799	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	783705	51.781	ug/l	98
20) Methylene Chloride	2.84	84	245868	49.205	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	237065	48.485	ug/l	99
22) Diisopropyl ether	3.83	45	772728	49.379	ug/l	98
23) Vinyl Acetate	3.79	43	3434253	246.630	ug/l	99
24) 1,1-Dichloroethane	3.67	63	439359	49.321	ug/l	99
25) 2-Butanone	4.64	43	935510	233.016	ug/l	97
26) 2,2-Dichloropropane	4.55	77	339557	46.848	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	272417	48.357	ug/l	97
28) Bromochloromethane	4.98	49	193385	44.974	ug/l	94
29) Tetrahydrofuran	5.09	42	592649	231.890	ug/l	97
30) Chloroform	5.18	83	465582	50.475	ug/l	93
31) Cyclohexane	5.55	56	363190	48.400	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	434126	51.286	ug/l	99
36) 1,1-Dichloropropene	5.77	75	336351	51.090	ug/l	100
37) Ethyl Acetate	4.80	43	360737	47.178	ug/l	99
38) Carbon Tetrachloride	5.76	117	407592	54.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	362785	50.395	ug/l	100
40) Benzene	6.12	78	956319	49.435	ug/l	100
41) Methacrylonitrile	5.01	41	205464	48.939	ug/l	98
42) 1,2-Dichloroethane	6.17	62	387220	52.244	ug/l	98
43) Isopropyl Acetate	6.42	43	597602	48.388	ug/l	99
44) Trichloroethene	7.19	130	278888	51.022	ug/l	100
45) 1,2-Dichloropropane	7.49	63	255988	49.098	ug/l	96
46) Dibromomethane	7.63	93	184816	50.408	ug/l	99
47) Bromodichloromethane	7.88	83	386127	52.745	ug/l	99
48) Methyl methacrylate	7.74	41	300563	48.888	ug/l	99
49) 1,4-Dioxane	7.71	88	104028	934.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1898318	248.834	ug/l	100
52) Toluene	8.76	92	617465	50.337	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	409641	50.489	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	429850	50.012	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	263578	50.382	ug/l	97
56) Ethyl methacrylate	9.16	69	392895	50.518	ug/l	99
57) 1,3-Dichloropropane	9.35	76	431636	50.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	765162	218.706	ug/l	98
59) 2-Hexanone	9.48	43	1471342	253.642	ug/l	100
60) Dibromochloromethane	9.57	129	327057	53.292	ug/l	99
61) 1,2-Dibromoethane	9.65	107	285561	50.277	ug/l	99
64) Tetrachloroethene	9.32	164	252289	49.630	ug/l	95
65) Chlorobenzene	10.12	112	696075	50.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	281806	51.752	ug/l	98
67) Ethyl Benzene	10.24	91	1217730	51.829	ug/l	99
68) m/p-Xylenes	10.34	106	933342	106.431	ug/l	99
69) o-Xylene	10.68	106	449065	52.824	ug/l	98
70) Styrene	10.70	104	786553	54.331	ug/l	99
71) Bromoform	10.84	173	252850	54.440	ug/l #	100
73) Isopropylbenzene	11.00	105	1247482	49.992	ug/l	100
74) N-amyl acetate	10.88	43	554853	46.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	398287	45.246	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	385199m	45.772	ug/l	
77) Bromobenzene	11.24	156	323452	46.893	ug/l	99
78) n-propylbenzene	11.35	91	1410306	49.775	ug/l	99
79) 2-Chlorotoluene	11.40	91	865357	49.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1075663	52.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	142231	45.647	ug/l	98
82) 4-Chlorotoluene	11.49	91	1033110	49.645	ug/l	99
83) tert-Butylbenzene	11.76	119	1060157	52.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1072720	51.168	ug/l	98
85) sec-Butylbenzene	11.93	105	1207368	52.465	ug/l	99
86) p-Isopropyltoluene	12.05	119	1141420	53.997	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	574497	47.439	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	596785	49.217	ug/l	96
89) n-Butylbenzene	12.37	91	959848	49.749	ug/l	99
90) Hexachloroethane	12.58	117	226007	54.343	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	552809	48.493	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101106	45.936	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	365313	48.057	ug/l	96
94) Hexachlorobutadiene	13.77	225	145448	48.510	ug/l	96
95) Naphthalene	13.82	128	1248288	49.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	365818	48.703	ug/l	99

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

