

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016717.D
 Acq On : 11 Jun 2020 20:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:34 PM

Quant Time: Jun 12 08:04:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	219115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	334532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	319134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133445	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	5.47	113	110107	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	8.70	98	405800	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.12	95	160661	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	87307	40.489	ug/l	96
3) Chloromethane	1.31	50	94127	36.122	ug/l	99
4) Vinyl Chloride	1.39	62	114904	41.696	ug/l	99
5) Bromomethane	1.62	94	57680	43.048	ug/l	100
6) Chloroethane	1.70	64	74335	46.242	ug/l	100
7) Trichlorofluoromethane	1.91	101	182659	50.471	ug/l	97
8) Diethyl Ether	2.17	74	71794	47.574	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	99553	49.981	ug/l	98
10) Methyl Iodide	2.49	142	77015	33.441	ug/l	99
11) Tert butyl alcohol	3.02	59	162795	233.304	ug/l	100
12) 1,1-Dichloroethene	2.35	96	102947	48.828	ug/l	96
13) Acrolein	2.28	56	21648	72.931	ug/l	98
14) Allyl chloride	2.70	41	162456	41.898	ug/l	96
15) Acrylonitrile	3.12	53	327655	229.232	ug/l	99
16) Acetone	2.42	43	293887	246.511	ug/l	100
17) Carbon Disulfide	2.55	76	260372	41.586	ug/l	99
18) Methyl Acetate	2.75	43	152112	49.747	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	373951	49.393	ug/l	96
20) Methylene Chloride	2.83	84	116008	47.032	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	109439	46.928	ug/l	92
22) Diisopropyl ether	3.82	45	328945	44.162	ug/l	97
23) Vinyl Acetate	3.79	43	1453735	222.973	ug/l	96
24) 1,1-Dichloroethane	3.67	63	198164	47.136	ug/l	99
25) 2-Butanone	4.63	43	444515	220.045	ug/l	93
26) 2,2-Dichloropropane	4.55	77	166108	48.285	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	128702	47.704	ug/l	96
28) Bromochloromethane	4.98	49	86271	44.159	ug/l	86
29) Tetrahydrofuran	5.09	42	283732	217.404	ug/l	92
30) Chloroform	5.18	83	212367	50.133	ug/l	96
31) Cyclohexane	5.55	56	150590	39.816	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	194131	50.620	ug/l	99
36) 1,1-Dichloropropene	5.77	75	146973	46.402	ug/l	98
37) Ethyl Acetate	4.79	43	164620	43.290	ug/l	96
38) Carbon Tetrachloride	5.75	117	172783	51.909	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	158890	46.185	ug/l	96
40) Benzene	6.11	78	448562	47.556	ug/l	100
41) Methacrylonitrile	5.01	41	91131	43.629	ug/l	96
42) 1,2-Dichloroethane	6.16	62	166707	49.698	ug/l	99
43) Isopropyl Acetate	6.42	43	264088	44.523	ug/l	97
44) Trichloroethene	7.19	130	131790	44.038	ug/l	97
45) 1,2-Dichloropropane	7.49	63	115248	47.995	ug/l	98
46) Dibromomethane	7.64	93	81862	50.756	ug/l	97
47) Bromodichloromethane	7.88	83	171476	51.347	ug/l	100
48) Methyl methacrylate	7.74	41	127797	44.998	ug/l	95
49) 1,4-Dioxane	7.71	88	60462	909.698	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	860312	232.936	ug/l	97
52) Toluene	8.77	92	294163	49.456	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191925	50.541	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	198764	49.451	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	123483	52.215	ug/l	97
56) Ethyl methacrylate	9.16	69	191811	49.801	ug/l	95
57) 1,3-Dichloropropane	9.35	76	202553	49.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	485261	241.380	ug/l	95
59) 2-Hexanone	9.48	43	666152	231.935	ug/l	97
60) Dibromochloromethane	9.57	129	145863	54.807	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132025	52.133	ug/l	100
64) Tetrachloroethene	9.32	164	123668	34.637	ug/l	98
65) Chlorobenzene	10.12	112	324975	49.948	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	132307	53.272	ug/l	98
67) Ethyl Benzene	10.24	91	562199	48.533	ug/l	100
68) m/p-Xylenes	10.34	106	429308	99.956	ug/l	99
69) o-Xylene	10.68	106	204509	49.167	ug/l	99
70) Styrene	10.69	104	367726	51.433	ug/l	100
71) Bromoform	10.84	173	117732	56.090	ug/l #	100
73) Isopropylbenzene	11.01	105	556174	47.434	ug/l	100
74) N-amyl acetate	10.88	43	226236	41.948	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	177804	60.507	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	174956m	47.036	ug/l	
77) Bromobenzene	11.24	156	150104	48.810	ug/l	94
78) n-propylbenzene	11.35	91	611864	46.709	ug/l	99
79) 2-Chlorotoluene	11.40	91	378345	47.317	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	480477	49.077	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	66948	44.274	ug/l	97
82) 4-Chlorotoluene	11.49	91	453336	48.011	ug/l	99
83) tert-Butylbenzene	11.76	119	455006	54.391	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	484397	48.923	ug/l	100
85) sec-Butylbenzene	11.93	105	515471	49.120	ug/l	100
86) p-Isopropyltoluene	12.05	119	493508	50.203	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261853	49.147	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	269778	49.509	ug/l	99
89) n-Butylbenzene	12.37	91	401193	48.998	ug/l	99
90) Hexachloroethane	12.58	117	86396	50.882	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	252944	49.002	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46444	48.795	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	182386	53.201	ug/l	98
94) Hexachlorobutadiene	13.77	225	74229	55.148	ug/l	99
95) Naphthalene	13.82	128	611996	52.074	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	180219	53.659	ug/l	99

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

