

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016652.D
 Acq On : 09 Jun 2020 09:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 10 04:22:56 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	5.62	168	239673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	336048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	315364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168831	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	137281	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
35) Dibromofluoromethane	5.46	113	113103	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
50) Toluene-d8	8.70	98	422642	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.12	95	161952	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	109990	46.633	ug/l	97
3) Chloromethane	1.31	50	117978	41.391	ug/l	99
4) Vinyl Chloride	1.39	62	131034	43.471	ug/l	98
5) Bromomethane	1.62	94	69504	47.423	ug/l	97
6) Chloroethane	1.70	64	82596	46.974	ug/l	95
7) Trichlorofluoromethane	1.91	101	209387	52.894	ug/l	98
8) Diethyl Ether	2.17	74	77109	46.714	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	116294	53.377	ug/l	98
10) Methyl Iodide	2.49	142	125554	48.343	ug/l	100
11) Tert butyl alcohol	3.02	59	161110	211.085	ug/l	99
12) 1,1-Dichloroethene	2.35	96	113509	49.220	ug/l	95
13) Acrolein	2.27	56	68418	210.727	ug/l	97
14) Allyl chloride	2.70	41	179743	42.380	ug/l	95
15) Acrylonitrile	3.11	53	339454	217.116	ug/l	99
16) Acetone	2.42	43	279553	214.374	ug/l	100
17) Carbon Disulfide	2.54	76	290015	42.347	ug/l	100
18) Methyl Acetate	2.75	43	153636	45.935	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	406412	49.077	ug/l	98
20) Methylene Chloride	2.83	84	124916	46.300	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	121796	47.747	ug/l	94
22) Diisopropyl ether	3.82	45	357224	43.845	ug/l	98
23) Vinyl Acetate	3.78	43	1553468	217.832	ug/l	96
24) 1,1-Dichloroethane	3.67	63	216895	47.166	ug/l	100
25) 2-Butanone	4.63	43	445891	201.793	ug/l	94
26) 2,2-Dichloropropane	4.54	77	209935	55.791	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	139101	47.136	ug/l	98
28) Bromochloromethane	4.98	49	85273	39.904	ug/l	84
29) Tetrahydrofuran	5.08	42	289558	202.837	ug/l	93
30) Chloroform	5.17	83	228444	49.303	ug/l	99
31) Cyclohexane	5.54	56	173429	41.921	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212897	50.751	ug/l	99
36) 1,1-Dichloropropene	5.76	75	167748	52.722	ug/l	98
37) Ethyl Acetate	4.79	43	172494	45.156	ug/l	97
38) Carbon Tetrachloride	5.75	117	192828	57.669	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	181978	52.657	ug/l	95
40) Benzene	6.11	78	481291	50.796	ug/l	100
41) Methacrylonitrile	4.99	41	95224	45.383	ug/l	96
42) 1,2-Dichloroethane	6.16	62	177968	52.816	ug/l	100
43) Isopropyl Acetate	6.41	43	269016	45.149	ug/l	97
44) Trichloroethene	7.18	130	164584	54.748	ug/l	92
45) 1,2-Dichloropropane	7.49	63	121585	50.405	ug/l	99
46) Dibromomethane	7.63	93	85551	52.804	ug/l	95
47) Bromodichloromethane	7.87	83	182544	54.415	ug/l	98
48) Methyl methacrylate	7.74	41	131106	45.955	ug/l	94
49) 1,4-Dioxane	7.71	88	65048	974.283	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	866998	233.687	ug/l	98
52) Toluene	8.76	92	321255	53.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	213782	56.043	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	220326	54.568	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	130035	54.737	ug/l	97
56) Ethyl methacrylate	9.16	69	196880	50.886	ug/l	96
57) 1,3-Dichloropropane	9.35	76	216961	53.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	459376	227.474	ug/l	95
59) 2-Hexanone	9.47	43	689367	238.935	ug/l	97
60) Dibromochloromethane	9.56	129	153763	57.515	ug/l	98
61) 1,2-Dibromoethane	9.65	107	138521	54.451	ug/l	99
64) Tetrachloroethene	9.32	164	195657	55.454	ug/l	99
65) Chlorobenzene	10.12	112	348750	54.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	141296	57.571	ug/l	98
67) Ethyl Benzene	10.23	91	624392	54.546	ug/l	98
68) m/p-Xylenes	10.34	106	464261	109.386	ug/l	98
69) o-Xylene	10.68	106	218894	53.254	ug/l	100
70) Styrene	10.70	104	393797	55.738	ug/l	99
71) Bromoform	10.84	173	121375	58.517	ug/l #	99
73) Isopropylbenzene	11.00	105	598285	51.144	ug/l	100
74) N-amyl acetate	10.88	43	229586	42.668	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	144756	49.375	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	183256m	49.382	ug/l	
77) Bromobenzene	11.24	156	159905	52.118	ug/l	95
78) n-propylbenzene	11.34	91	672396	51.449	ug/l	99
79) 2-Chlorotoluene	11.40	91	410881	51.506	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	520502	53.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	73403	48.656	ug/l #	93
82) 4-Chlorotoluene	11.49	91	486266	51.618	ug/l	99
83) tert-Butylbenzene	11.76	119	453691	54.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	532236	53.880	ug/l	99
85) sec-Butylbenzene	11.93	105	559002	53.392	ug/l	99
86) p-Isopropyltoluene	12.05	119	541078	55.170	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	284757	53.571	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	285097	52.442	ug/l	98
89) n-Butylbenzene	12.37	91	455807	55.798	ug/l	99
90) Hexachloroethane	12.58	117	93871	55.413	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	273170	53.044	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45800	48.230	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	192835	56.380	ug/l	100
94) Hexachlorobutadiene	13.77	225	89963	66.993	ug/l	96
95) Naphthalene	13.82	128	617497	52.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	185940	55.491	ug/l	100

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

