

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016028.D
 Acq On : 04 May 2020 10:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 04 12:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	345175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	541207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251709	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	204040	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
35) Dibromofluoromethane	5.46	113	156776	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
50) Toluene-d8	8.70	98	615999	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.12	95	235281	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	159522	51.645	ug/l	98
3) Chloromethane	1.32	50	193783	51.766	ug/l	99
4) Vinyl Chloride	1.39	62	221175	52.026	ug/l	99
5) Bromomethane	1.62	94	99844	34.984	ug/l	99
6) Chloroethane	1.70	64	133366	47.162	ug/l	98
7) Trichlorofluoromethane	1.91	101	277304	43.155	ug/l	97
8) Diethyl Ether	2.17	74	118463	44.160	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	162614	50.769	ug/l	98
10) Methyl Iodide	2.49	142	229810	51.433	ug/l	96
11) Tert butyl alcohol	3.02	59	275064	251.085	ug/l	100
12) 1,1-Dichloroethene	2.36	96	167558	50.736	ug/l	99
13) Acrolein	2.27	56	96650	351.058	ug/l	99
14) Allyl chloride	2.70	41	325278	54.622	ug/l	93
15) Acrylonitrile	3.12	53	585535	269.562	ug/l	100
16) Acetone	2.42	43	487394	252.554	ug/l	100
17) Carbon Disulfide	2.55	76	490536	50.918	ug/l	100
18) Methyl Acetate	2.75	43	295003	53.868	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	623476	52.197	ug/l	99
20) Methylene Chloride	2.83	84	195458	51.162	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	184910	49.681	ug/l	98
22) Diisopropyl ether	3.82	45	627968	53.637	ug/l	92
23) Vinyl Acetate	3.78	43	2678814	263.399	ug/l	100
24) 1,1-Dichloroethane	3.67	63	344055	52.754	ug/l	99
25) 2-Butanone	4.64	43	804673	257.306	ug/l	99
26) 2,2-Dichloropropane	4.55	77	315191	52.856	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	213802	50.620	ug/l	99
28) Bromochloromethane	4.98	49	150620	47.725	ug/l	98
29) Tetrahydrofuran	5.09	42	531060	259.117	ug/l	99
30) Chloroform	5.17	83	339722	50.093	ug/l	100
31) Cyclohexane	5.55	56	308938	53.209	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	308464	49.400	ug/l	99
36) 1,1-Dichloropropene	5.76	75	258530	50.155	ug/l	99
37) Ethyl Acetate	4.79	43	310519	52.535	ug/l	99
38) Carbon Tetrachloride	5.75	117	273643	50.260	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	318759	53.461	ug/l	97
40) Benzene	6.11	78	775397	52.720	ug/l	100
41) Methacrylonitrile	5.00	41	170809	53.988	ug/l	97
42) 1,2-Dichloroethane	6.16	62	276688	48.552	ug/l	99
43) Isopropyl Acetate	6.41	43	504395	51.533	ug/l	99
44) Trichloroethene	7.19	130	289377	54.586	ug/l	97
45) 1,2-Dichloropropane	7.49	63	201252	52.946	ug/l	99
46) Dibromomethane	7.63	93	134125	49.659	ug/l	98
47) Bromodichloromethane	7.87	83	279208	52.020	ug/l	98
48) Methyl methacrylate	7.74	41	238622	52.803	ug/l	95
49) 1,4-Dioxane	7.71	88	110323	1037.739	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1565857	263.747	ug/l	98
52) Toluene	8.76	92	495410	53.065	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	332774	52.253	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	346177	52.852	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	195233	52.328	ug/l	99
56) Ethyl methacrylate	9.16	69	329966	54.391	ug/l	94
57) 1,3-Dichloropropane	9.35	76	342844	53.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	820642	261.769	ug/l	99
59) 2-Hexanone	9.47	43	1217722	262.453	ug/l	97
60) Dibromochloromethane	9.57	129	222506	53.284	ug/l	99
61) 1,2-Dibromoethane	9.65	107	211835	52.360	ug/l	99
64) Tetrachloroethene	9.32	164	312783	52.936	ug/l	98
65) Chlorobenzene	10.12	112	529068	52.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	201068	52.441	ug/l	98
67) Ethyl Benzene	10.23	91	955353	52.881	ug/l	97
68) m/p-Xylenes	10.34	106	724731	105.719	ug/l	100
69) o-Xylene	10.68	106	349421	53.686	ug/l	99
70) Styrene	10.70	104	598667	53.606	ug/l	99
71) Bromoform	10.84	173	167340	48.044	ug/l #	97
73) Isopropylbenzene	11.00	105	934617	54.582	ug/l	99
74) N-amyl acetate	10.88	43	434633	52.629	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	145136	37.513	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	393287	74.462	ug/l	82
77) Bromobenzene	11.24	156	232425	52.732	ug/l	98
78) n-propylbenzene	11.34	91	1084297	55.046	ug/l	99
79) 2-Chlorotoluene	11.40	91	633585	53.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	791640	54.883	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	124958	55.909	ug/l #	89
82) 4-Chlorotoluene	11.49	91	754885	53.779	ug/l	100
83) tert-Butylbenzene	11.76	119	674987	54.272	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	803922	55.378	ug/l	99
85) sec-Butylbenzene	11.93	105	922358	55.045	ug/l	99
86) p-Isopropyltoluene	12.05	119	864710	55.094	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	415159	51.651	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	420286	51.738	ug/l	99
89) n-Butylbenzene	12.37	91	772626	54.481	ug/l	99
90) Hexachloroethane	12.58	117	152085	54.842	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	403215	52.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73272	51.830	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	295343	51.196	ug/l	95
94) Hexachlorobutadiene	13.77	225	143181	55.551	ug/l	96
95) Naphthalene	13.82	128	987223	54.258	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	296153	53.314	ug/l	97

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

