

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016596.D
 Acq On : 04 Jun 2020 20:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 10:12:33 AM

Quant Time: Jun 05 07:53:10 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	237747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	141679	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.47	113	112584	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.70	98	439896	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	170552	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108808	46.505	ug/l	97
3) Chloromethane	1.31	50	124592	44.066	ug/l	98
4) Vinyl Chloride	1.39	62	152958	51.155	ug/l	99
5) Bromomethane	1.62	94	70878	48.752	ug/l	98
6) Chloroethane	1.70	64	85051	48.762	ug/l	97
7) Trichlorofluoromethane	1.91	101	202060	51.456	ug/l	99
8) Diethyl Ether	2.17	74	78821	48.138	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	105675	48.896	ug/l	98
10) Methyl Iodide	2.49	142	106491	41.778	ug/l	99
11) Tert butyl alcohol	3.01	59	168728	222.856	ug/l	99
12) 1,1-Dichloroethene	2.36	96	110368	48.245	ug/l	98
13) Acrolein	2.27	56	85134	264.336	ug/l	97
14) Allyl chloride	2.70	41	185654	44.129	ug/l	97
15) Acrylonitrile	3.12	53	360501	232.446	ug/l	99
16) Acetone	2.42	43	296573	229.268	ug/l	98
17) Carbon Disulfide	2.55	76	302314	44.501	ug/l	99
18) Methyl Acetate	2.75	43	158768	47.854	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	402868	49.043	ug/l	98
20) Methylene Chloride	2.83	84	125219	46.788	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	122044	48.231	ug/l	94
22) Diisopropyl ether	3.82	45	367525	45.475	ug/l	98
23) Vinyl Acetate	3.78	43	1625921	229.839	ug/l	97
24) 1,1-Dichloroethane	3.67	63	219559	48.132	ug/l	100
25) 2-Butanone	4.64	43	492708	224.787	ug/l	96
26) 2,2-Dichloropropane	4.55	77	177301	47.500	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	190517	65.082	ug/l	96
28) Bromochloromethane	4.98	49	90218	42.560	ug/l	88
29) Tetrahydrofuran	5.09	42	318477	224.903	ug/l	94
30) Chloroform	5.18	83	228482	49.710	ug/l	98
31) Cyclohexane	5.55	56	178207	43.425	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	209780	50.413	ug/l	99
36) 1,1-Dichloropropene	5.77	75	166800	47.749	ug/l	98
37) Ethyl Acetate	4.79	43	186633	44.500	ug/l	97
38) Carbon Tetrachloride	5.76	117	190954	52.016	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180840	47.661	ug/l	98
40) Benzene	6.12	78	503664	48.416	ug/l	98
41) Methacrylonitrile	5.00	41	101389	44.012	ug/l	96
42) 1,2-Dichloroethane	6.16	62	180492	48.788	ug/l	100
43) Isopropyl Acetate	6.41	43	297254	45.439	ug/l	98
44) Trichloroethene	7.19	130	156095	47.293	ug/l	97
45) 1,2-Dichloropropane	7.49	63	126183	47.646	ug/l	99
46) Dibromomethane	7.64	93	87495	49.188	ug/l	96
47) Bromodichloromethane	7.88	83	187575	50.928	ug/l	99
48) Methyl methacrylate	7.74	41	142923	45.630	ug/l	95
49) 1,4-Dioxane	7.71	88	66614	908.758	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	948443	232.841	ug/l	97
52) Toluene	8.77	92	325111	49.560	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	211911	50.598	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	218507	49.291	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	131167	50.290	ug/l	98
56) Ethyl methacrylate	9.16	69	212687	50.069	ug/l	96
57) 1,3-Dichloropropane	9.35	76	220703	49.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	550876	248.455	ug/l	97
59) 2-Hexanone	9.48	43	734216	231.784	ug/l	97
60) Dibromochloromethane	9.57	129	155449	52.960	ug/l	100
61) 1,2-Dibromoethane	9.65	107	143447	51.359	ug/l	99
64) Tetrachloroethene	9.32	164	171519	43.992	ug/l	99
65) Chlorobenzene	10.12	112	355798	50.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	140806	51.918	ug/l	98
67) Ethyl Benzene	10.24	91	623017	49.252	ug/l	99
68) m/p-Xylenes	10.34	106	475580	101.401	ug/l	100
69) o-Xylene	10.68	106	228879	50.390	ug/l	97
70) Styrene	10.70	104	403693	51.707	ug/l	99
71) Bromoform	10.84	173	125249	54.644	ug/l #	99
73) Isopropylbenzene	11.00	105	609568	49.634	ug/l	100
74) N-amyl acetate	10.88	43	254490	45.050	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	165653	53.820	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	188046m	48.266	ug/l	
77) Bromobenzene	11.24	156	161153	50.030	ug/l	96
78) n-propylbenzene	11.34	91	679513	49.524	ug/l	99
79) 2-Chlorotoluene	11.40	91	413261	49.344	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	517618	50.476	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	73990	46.715	ug/l	98
82) 4-Chlorotoluene	11.49	91	492013	49.748	ug/l	100
83) tert-Butylbenzene	11.76	119	456483	52.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	524070	50.534	ug/l	100
85) sec-Butylbenzene	11.93	105	555827	50.567	ug/l	100
86) p-Isopropyltoluene	12.05	119	526660	51.150	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	277534	49.732	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	280857	49.208	ug/l	99
89) n-Butylbenzene	12.37	91	432120	50.386	ug/l	99
90) Hexachloroethane	12.58	117	90388	50.823	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	266060	49.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47009	47.152	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	191347	53.288	ug/l	99
94) Hexachlorobutadiene	13.76	225	76530	54.283	ug/l	99
95) Naphthalene	13.82	128	633110	51.432	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	182568	51.897	ug/l	98

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

