

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016965.D
 Acq On : 25 Jun 2020 20:22
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:26 PM

Quant Time: Jun 26 08:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	367405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174650	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	316571	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
35) Dibromofluoromethane	5.47	113	242899	117.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	235.76%	
50) Toluene-d8	8.70	98	890408	103.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.80%	
62) 4-Bromofluorobenzene	11.12	95	357934	103.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	238776	102.313	ug/l	99
3) Chloromethane	1.31	50	258189	102.117	ug/l	99
4) Vinyl Chloride	1.39	62	263617	84.945	ug/l	99
5) Bromomethane	1.62	94	166177	129.240	ug/l	98
6) Chloroethane	1.70	64	177748	93.914	ug/l	100
7) Trichlorofluoromethane	1.91	101	454816	117.344	ug/l	96
8) Diethyl Ether	2.17	74	158152	89.577	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	238593	100.191	ug/l	99
10) Methyl Iodide	2.49	142	314739	120.548	ug/l	98
11) Tert butyl alcohol	3.03	59	303522	458.438	ug/l	100
12) 1,1-Dichloroethene	2.36	96	236618	95.395	ug/l	96
13) Acrolein	2.28	56	250998	584.538	ug/l	99
14) Allyl chloride	2.70	41	448954	101.318	ug/l	99
15) Acrylonitrile	3.12	53	702850	484.961	ug/l	100
16) Acetone	2.42	43	618265	521.555	ug/l	100
17) Carbon Disulfide	2.55	76	724699	95.342	ug/l	99
18) Methyl Acetate	2.75	43	299530	86.757	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	851332	96.084	ug/l	99
20) Methylene Chloride	2.83	84	269608	93.915	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	263183	95.241	ug/l	98
22) Diisopropyl ether	3.82	45	903679	103.245	ug/l	100
23) Vinyl Acetate	3.79	43	4048725	559.624	ug/l	100
24) 1,1-Dichloroethane	3.67	63	483704	97.431	ug/l	99
25) 2-Butanone	4.64	43	978488	512.785	ug/l	98
26) 2,2-Dichloropropane	4.55	77	399573	92.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	291111	93.415	ug/l	99
28) Bromochloromethane	4.98	49	215453	98.058	ug/l	100
29) Tetrahydrofuran	5.09	42	646921	512.227	ug/l	99
30) Chloroform	5.18	83	491250	99.832	ug/l	96
31) Cyclohexane	5.55	56	426362	92.731	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	446791	100.538	ug/l	99
36) 1,1-Dichloropropene	5.77	75	370575	104.976	ug/l	99
37) Ethyl Acetate	4.79	43	400134	111.295	ug/l	99
38) Carbon Tetrachloride	5.76	117	397720	119.867	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	414874	98.260	ug/l	100
40) Benzene	6.12	78	1049396	102.181	ug/l	100
41) Methacrylonitrile	5.01	41	224859	111.069	ug/l	96
42) 1,2-Dichloroethane	6.17	62	412538	112.210	ug/l	100
43) Isopropyl Acetate	6.42	43	666179	112.908	ug/l	99
44) Trichloroethene	7.19	130	279564	90.375	ug/l	97
45) 1,2-Dichloropropane	7.49	63	273291	103.599	ug/l	97
46) Dibromomethane	7.63	93	190714	107.865	ug/l	98
47) Bromodichloromethane	7.88	83	399301	110.246	ug/l	98
48) Methyl methacrylate	7.74	41	325324	112.255	ug/l	99
49) 1,4-Dioxane	7.71	88	124332	1963.674	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1988157	575.214	ug/l	99
52) Toluene	8.76	92	654078	100.638	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	446320	104.007	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	459583	102.434	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	263599	101.476	ug/l	98
56) Ethyl methacrylate	9.16	69	436491	104.920	ug/l	99
57) 1,3-Dichloropropane	9.35	76	451521	101.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1095412	529.418	ug/l	100
59) 2-Hexanone	9.48	43	1509894	576.097	ug/l	99
60) Dibromochloromethane	9.57	129	314825	119.311	ug/l	98
61) 1,2-Dibromoethane	9.65	107	283922	105.134	ug/l	99
64) Tetrachloroethene	9.32	164	232910	70.696	ug/l	98
65) Chlorobenzene	10.12	112	711455	102.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	265653	106.547	ug/l	98
67) Ethyl Benzene	10.24	91	1293847	100.959	ug/l	100
68) m/p-Xylenes	10.34	106	968897	205.810	ug/l	99
69) o-Xylene	10.68	106	466893	101.998	ug/l	100
70) Styrene	10.70	104	827958	105.100	ug/l	100
71) Bromoform	10.84	173	222733	127.679	ug/l #	97
73) Isopropylbenzene	11.00	105	1266629	98.574	ug/l	100
74) N-amyl acetate	10.88	43	620089	109.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	397884	128.651	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	369825m	98.707	ug/l	
77) Bromobenzene	11.24	156	310210	104.560	ug/l	99
78) n-propylbenzene	11.34	91	1516875	99.852	ug/l	100
79) 2-Chlorotoluene	11.41	91	882405	98.599	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1079215	98.965	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	149665	92.225	ug/l	98
82) 4-Chlorotoluene	11.49	91	1057339	98.886	ug/l	99
83) tert-Butylbenzene	11.76	119	1049146	111.441	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1078442	96.272	ug/l	100
85) sec-Butylbenzene	11.93	105	1242316	98.885	ug/l	100
86) p-Isopropyltoluene	12.05	119	1135894	99.035	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	553259	101.415	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	560868	99.991	ug/l	100
89) n-Butylbenzene	12.37	91	1037598	96.430	ug/l	99
90) Hexachloroethane	12.58	117	221062	118.436	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	520235	99.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92718	99.474	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	354083	104.194	ug/l	100
94) Hexachlorobutadiene	13.77	225	123917	103.234	ug/l	97
95) Naphthalene	13.82	128	1210392	99.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	349141	108.217	ug/l	97

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

