

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062569.D
 Acq On : 21 Jul 2020 13:10
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:40 PM

Quant Time: Jul 21 13:43:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	327362	97.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.46%	
35) Dibromofluoromethane	7.55	113	236038	102.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.84%	
50) Toluene-d8	10.06	98	943163	104.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.14%	
62) 4-Bromofluorobenzene	12.38	95	361881	108.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	252829	112.326	ug/l	99
3) Chloromethane	2.04	50	344191	97.466	ug/l	98
4) Vinyl Chloride	2.16	62	295931	101.214	ug/l	99
5) Bromomethane	2.51	94	132071	87.510	ug/l	100
6) Chloroethane	2.66	64	141284	86.195	ug/l	99
7) Trichlorofluoromethane	2.98	101	340936	92.571	ug/l	98
8) Diethyl Ether	3.37	74	171923	103.888	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	228514	104.151	ug/l	100
10) Methyl Iodide	3.91	142	311896	108.265	ug/l	99
11) Tert butyl alcohol	4.74	59	265293	482.019	ug/l	99
12) 1,1-Dichloroethene	3.69	96	233177	104.146	ug/l	99
13) Acrolein	3.56	56	284905	653.173	ug/l	99
14) Allyl chloride	4.27	41	517900	99.562	ug/l	100
15) Acrylonitrile	4.93	53	754045	521.139	ug/l	100
16) Acetone	3.77	43	626233	447.212	ug/l	100
17) Carbon Disulfide	4.00	76	750143	106.259	ug/l	99
18) Methyl Acetate	4.28	43	326835	93.601	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	880343	103.764	ug/l	98
20) Methylene Chloride	4.50	84	287464	94.349	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	256555	105.801	ug/l	98
22) Diisopropyl ether	5.90	45	1020525	99.273	ug/l	98
23) Vinyl Acetate	5.84	43	4342464	509.921	ug/l	99
24) 1,1-Dichloroethane	5.80	63	540801	101.183	ug/l	99
25) 2-Butanone	6.79	43	1015309	495.905	ug/l	99
26) 2,2-Dichloropropane	6.77	77	430514	103.911	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	296289	105.409	ug/l	99
28) Bromochloromethane	7.15	49	272760	94.612	ug/l	100
29) Tetrahydrofuran	7.17	42	684722	495.649	ug/l	99
30) Chloroform	7.33	83	506547	104.339	ug/l	100
31) Cyclohexane	7.61	56	488954	96.920	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	434827	107.381	ug/l	99
36) 1,1-Dichloropropene	7.75	75	396667	106.700	ug/l	99
37) Ethyl Acetate	6.88	43	429889	99.448	ug/l	99
38) Carbon Tetrachloride	7.73	117	378133	111.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	445661	112.351	ug/l	99
40) Benzene	8.00	78	1177397	106.805	ug/l	99
41) Methacrylonitrile	7.14	41	211318m	119.263	ug/l	
42) 1,2-Dichloroethane	8.08	62	428939	106.273	ug/l	100
43) Isopropyl Acetate	8.13	43	714007	104.520	ug/l #	91
44) Trichloroethene	8.80	130	265430	108.123	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335439	105.453	ug/l	98
46) Dibromomethane	9.17	93	194389	107.581	ug/l	98
47) Bromodichloromethane	9.37	83	419275	108.805	ug/l	98
48) Methyl methacrylate	9.17	41	346472	103.885	ug/l	99
49) 1,4-Dioxane	9.17	88	104301	2123.456	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2145374	526.699	ug/l	99
52) Toluene	10.12	92	713068	111.431	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	492305	113.695	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	526005	110.346	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	273472	109.474	ug/l	98
56) Ethyl methacrylate	10.40	69	482457	115.941	ug/l	99
57) 1,3-Dichloropropane	10.68	76	506025	109.538	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	738951	515.200	ug/l	99
59) 2-Hexanone	10.72	43	1591868	537.803	ug/l	100
60) Dibromochloromethane	10.87	129	309544	113.209	ug/l	99
61) 1,2-Dibromoethane	10.98	107	283775	111.654	ug/l	98
64) Tetrachloroethene	10.60	164	221906	106.094	ug/l	97
65) Chlorobenzene	11.41	112	730177	106.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	273915	108.800	ug/l	99
67) Ethyl Benzene	11.48	91	1395149	109.263	ug/l	100
68) m/p-Xylenes	11.60	106	1018688	224.386	ug/l	99
69) o-Xylene	11.92	106	487135	110.477	ug/l	99
70) Styrene	11.94	104	847985	116.247	ug/l	100
71) Bromoform	12.10	173	218937	118.171	ug/l #	100
73) Isopropylbenzene	12.22	105	1319611	98.747	ug/l	100
74) N-amyl acetate	12.05	43	651666	101.473	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	421286	93.840	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	414783m	96.800	ug/l	
77) Bromobenzene	12.50	156	307477	100.801	ug/l	99
78) n-propylbenzene	12.57	91	1578191	101.321	ug/l	100
79) 2-Chlorotoluene	12.65	91	946907	99.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1139896	103.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	157685	100.129	ug/l	99
82) 4-Chlorotoluene	12.75	91	988341	102.547	ug/l	100
83) tert-Butylbenzene	12.97	119	953903	102.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1137654	104.288	ug/l	99
85) sec-Butylbenzene	13.15	105	1275746	103.643	ug/l	100
86) p-Isopropyltoluene	13.26	119	1135121	106.866	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	556486	105.782	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	559883	103.627	ug/l	99
89) n-Butylbenzene	13.59	91	1005484	107.707	ug/l	99
90) Hexachloroethane	13.85	117	218582	104.312	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	529886	103.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86831	106.225	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	288511	126.143	ug/l	99
94) Hexachlorobutadiene	14.98	225	143213	104.843	ug/l	98
95) Naphthalene	15.10	128	766307	119.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	284430	119.518	ug/l	99

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

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