

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062907.D
 Acq On : 13 Aug 2020 13:37
 Operator : JC/MD
 Sample : VN0813WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 4:50:15 PM

Quant Time: Aug 14 05:44:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	220193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113812	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	7.55	113	77805	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
50) Toluene-d8	10.06	98	301721	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.38	95	112234	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42875	19.910	ug/l	99
3) Chloromethane	2.03	50	45969	22.622	ug/l	98
4) Vinyl Chloride	2.16	62	44968	23.594	ug/l	96
5) Bromomethane	2.51	94	27177	21.540	ug/l	94
6) Chloroethane	2.66	64	27845	22.207	ug/l	90
7) Trichlorofluoromethane	2.98	101	69480	20.444	ug/l	97
8) Diethyl Ether	3.37	74	19056	19.586	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	29620	21.102	ug/l	97
10) Methyl Iodide	3.91	142	34857	21.161	ug/l	96
11) Tert butyl alcohol	4.73	59	38919	95.487	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	26085	19.659	ug/l	94
13) Acrolein	3.57	56	21409	86.753	ug/l	100
14) Allyl chloride	4.27	41	50925	19.342	ug/l	95
15) Acrylonitrile	4.93	53	94968	100.458	ug/l	99
16) Acetone	3.78	43	87418	97.284	ug/l	97
17) Carbon Disulfide	4.00	76	66888	17.798	ug/l	100
18) Methyl Acetate	4.28	43	46572	21.264	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	116550	20.004	ug/l	96
20) Methylene Chloride	4.51	84	34536	20.554	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	28046	18.637	ug/l	96
22) Diisopropyl ether	5.91	45	115679	20.639	ug/l	99
23) Vinyl Acetate	5.84	43	385769	90.490	ug/l	100
24) 1,1-Dichloroethane	5.80	63	63203	19.243	ug/l	100
25) 2-Butanone	6.79	43	121600	95.547	ug/l	98
26) 2,2-Dichloropropane	6.78	77	57189	18.889	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	34511	19.117	ug/l	96
28) Bromochloromethane	7.15	49	29912	18.870	ug/l	95
29) Tetrahydrofuran	7.17	42	75458	91.264	ug/l	97
30) Chloroform	7.33	83	64147	18.377	ug/l	99
31) Cyclohexane	7.61	56	53775	17.835	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	57597	18.455	ug/l	99
36) 1,1-Dichloropropene	7.75	75	42740	17.699	ug/l	97
37) Ethyl Acetate	6.88	43	44727	17.731	ug/l	98
38) Carbon Tetrachloride	7.73	117	50784	17.782	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49294	16.962	ug/l	98
40) Benzene	8.00	78	129127	17.920	ug/l	99
41) Methacrylonitrile	7.13	41	19568	17.191	ug/l #	74
42) 1,2-Dichloroethane	8.09	62	55950	18.243	ug/l	98
43) Isopropyl Acetate	8.13	43	70550	16.768	ug/l	98
44) Trichloroethene	8.80	130	32182	18.331	ug/l	95
45) 1,2-Dichloropropane	9.08	63	34651	17.767	ug/l	98
46) Dibromomethane	9.18	93	23268	18.209	ug/l	99
47) Bromodichloromethane	9.37	83	52313	18.228	ug/l	98
48) Methyl methacrylate	9.17	41	33915	16.388	ug/l	96
49) 1,4-Dioxane	9.17	88	13384	349.026	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	254678	93.553	ug/l	99
52) Toluene	10.12	92	79356	17.837	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	56699	17.960	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	60062	18.950	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	36129	19.014	ug/l	96
56) Ethyl methacrylate	10.40	69	49322	17.245	ug/l	98
57) 1,3-Dichloropropane	10.68	76	59455	18.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	58712	72.623	ug/l	99
59) 2-Hexanone	10.72	43	177353	87.337	ug/l	100
60) Dibromochloromethane	10.88	129	41761	19.259	ug/l	99
61) 1,2-Dibromoethane	10.98	107	35392	18.876	ug/l	97
64) Tetrachloroethene	10.60	164	26851	18.900	ug/l	95
65) Chlorobenzene	11.41	112	88146	19.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	36914	19.971	ug/l	97
67) Ethyl Benzene	11.48	91	153934	18.689	ug/l	98
68) m/p-Xylenes	11.60	106	114809	38.398	ug/l	96
69) o-Xylene	11.92	106	54918	19.600	ug/l	98
70) Styrene	11.94	104	97705	19.838	ug/l	97
71) Bromoform	12.10	173	29385	19.430	ug/l #	99
73) Isopropylbenzene	12.22	105	159574	20.813	ug/l	97
74) N-amyl acetate	12.05	43	60160	19.362	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	52797	19.562	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	49693m	18.097	ug/l	
77) Bromobenzene	12.50	156	37938	19.915	ug/l	94
78) n-propylbenzene	12.57	91	177873	19.764	ug/l	99
79) 2-Chlorotoluene	12.65	91	114179	20.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	135420	20.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	18277	20.319	ug/l	98
82) 4-Chlorotoluene	12.75	91	113457	19.507	ug/l	99
83) tert-Butylbenzene	12.97	119	115115	20.453	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	131319	20.637	ug/l	100
85) sec-Butylbenzene	13.15	105	145659	19.707	ug/l	99
86) p-Isopropyltoluene	13.26	119	130928	19.957	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	64176	18.857	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	63215	18.520	ug/l	99
89) n-Butylbenzene	13.59	91	100987	18.200	ug/l	99
90) Hexachloroethane	13.85	117	26000	18.385	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	64119	20.096	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11228	19.377	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	25778	17.366	ug/l	98
94) Hexachlorobutadiene	14.98	225	21909	20.916	ug/l	95
95) Naphthalene	15.11	128	66742	16.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	27239	17.985	ug/l	98

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

