

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059941.D
 Acq On : 31 Jan 2020 12:29
 Operator : JC/MD
 Sample : VN0131WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 12:50:41 PM

Quant Time: Feb 03 02:52:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	280249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	255340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103118	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
35) Dibromofluoromethane	7.57	113	84891	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.08	98	324482	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	117042	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	37321	16.877	ug/l	99
3) Chloromethane	2.04	50	37679	17.907	ug/l	100
4) Vinyl Chloride	2.17	62	47090	19.560	ug/l	99
5) Bromomethane	2.55	94	27735	18.877	ug/l	95
6) Chloroethane	2.69	64	21710	19.061	ug/l	95
7) Trichlorofluoromethane	3.00	101	56250	19.455	ug/l	97
8) Diethyl Ether	3.39	74	20517	20.220	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33215	20.641	ug/l	94
10) Methyl Iodide	3.93	142	41228	15.850	ug/l	97
11) Tert butyl alcohol	4.73	59	32381	94.242	ug/l #	81
12) 1,1-Dichloroethene	3.72	96	31224	18.570	ug/l	91
13) Acrolein	3.58	56	10538	43.327	ug/l	98
14) Allyl chloride	4.29	41	44840	19.785	ug/l #	87
15) Acrylonitrile	4.95	53	78776	100.510	ug/l	98
16) Acetone	3.78	43	94363	130.780	ug/l	96
17) Carbon Disulfide	4.03	76	77004	16.076	ug/l	99
18) Methyl Acetate	4.29	43	47454	19.905	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	111391	20.318	ug/l	94
20) Methylene Chloride	4.52	84	35706	18.522	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	33576	18.785	ug/l	88
22) Diisopropyl ether	5.91	45	103868	20.223	ug/l	94
23) Vinyl Acetate	5.86	43	383580	96.459	ug/l	95
24) 1,1-Dichloroethane	5.82	63	63584	20.261	ug/l	97
25) 2-Butanone	6.80	43	114067	98.690	ug/l	93
26) 2,2-Dichloropropane	6.79	77	58936	19.534	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	40422	19.662	ug/l	88
28) Bromochloromethane	7.17	49	23764	18.946	ug/l #	76
29) Tetrahydrofuran	7.18	42	65730	91.914	ug/l #	87
30) Chloroform	7.35	83	65862	20.255	ug/l	95
31) Cyclohexane	7.63	56	54270	17.971	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	59227	19.700	ug/l	97
36) 1,1-Dichloropropene	7.77	75	47822	19.595	ug/l	95
37) Ethyl Acetate	6.90	43	43242	18.891	ug/l	97
38) Carbon Tetrachloride	7.75	117	53163	20.025	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	56103	18.644	ug/l	91
40) Benzene	8.02	78	141408	19.428	ug/l	98
41) Methacrylonitrile	7.16	41	22772m	20.198	ug/l	
42) 1,2-Dichloroethane	8.10	62	52090	21.108	ug/l	97
43) Isopropyl Acetate	8.14	43	74773	18.992	ug/l	95
44) Trichloroethene	8.82	130	41076	20.673	ug/l	94
45) 1,2-Dichloropropane	9.10	63	37004	20.546	ug/l	99
46) Dibromomethane	9.19	93	25918	20.400	ug/l	92
47) Bromodichloromethane	9.39	83	51912	20.276	ug/l	100
48) Methyl methacrylate	9.18	41	32314	18.349	ug/l	89
49) 1,4-Dioxane	9.18	88	13630	422.780	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	218443	95.979	ug/l	95
52) Toluene	10.14	92	91955	20.001	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	57796	20.217	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	61844	20.561	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	37665	20.685	ug/l	97
56) Ethyl methacrylate	10.42	69	52236	18.775	ug/l	94
57) 1,3-Dichloropropane	10.70	76	60134	20.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	85045	101.483	ug/l	92
59) 2-Hexanone	10.74	43	164509	98.115	ug/l	95
60) Dibromochloromethane	10.89	129	42625	20.557	ug/l	99
61) 1,2-Dibromoethane	11.00	107	38161	19.996	ug/l	100
64) Tetrachloroethene	10.62	164	44419	21.345	ug/l	96
65) Chlorobenzene	11.43	112	102051	20.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	39007	20.114	ug/l	98
67) Ethyl Benzene	11.50	91	179324	19.683	ug/l	97
68) m/p-Xylenes	11.62	106	134034	38.946	ug/l	95
69) o-Xylene	11.94	106	66293	19.676	ug/l	94
70) Styrene	11.96	104	106278	18.851	ug/l	97
71) Bromoform	12.12	173	31218	20.097	ug/l #	99
73) Isopropylbenzene	12.25	105	178695	19.737	ug/l	99
74) N-amyl acetate	12.07	43	61441	17.489	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	51210	19.511	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	44628m	21.481	ug/l	
77) Bromobenzene	12.52	156	44769	19.526	ug/l	84
78) n-propylbenzene	12.59	91	198269	19.511	ug/l	97
79) 2-Chlorotoluene	12.67	91	118909	19.670	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	147508	19.373	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	17582	18.174	ug/l	95
82) 4-Chlorotoluene	12.77	91	120262	19.834	ug/l	95
83) tert-Butylbenzene	12.99	119	129428	19.654	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	147512	19.582	ug/l	99
85) sec-Butylbenzene	13.17	105	168104	19.429	ug/l	98
86) p-Isopropyltoluene	13.29	119	154507	19.299	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	78748	19.773	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	76796	19.329	ug/l	97
89) n-Butylbenzene	13.61	91	132781	19.452	ug/l	97
90) Hexachloroethane	13.87	117	28489	19.020	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	78481	19.933	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10416	17.116	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	44628	18.863	ug/l	97
94) Hexachlorobutadiene	15.01	225	25917	19.879	ug/l	98
95) Naphthalene	15.13	128	118281	17.577	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44632	19.381	ug/l	99

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

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