

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053663.D
 Acq On : 7 Feb 2019 18:33
 Operator : JC/SP
 Sample : VN0207WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 12:21:46 PM

Quant Time: Feb 09 01:09:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	624246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1008961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	411525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	326033	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
35) Dibromofluoromethane	7.59	113	309513	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	10.09	98	1128250	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.40	95	371639	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	135399	19.447	ug/l	100
3) Chloromethane	2.06	50	150428	20.298	ug/l	99
4) Vinyl Chloride	2.19	62	147680	20.528	ug/l	98
5) Bromomethane	2.57	94	97135	20.650	ug/l	99
6) Chloroethane	2.71	64	86522	21.046	ug/l	98
7) Trichlorofluoromethane	3.02	101	201513	20.656	ug/l	100
8) Diethyl Ether	3.41	74	72980	20.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	118987	19.721	ug/l	97
10) Methyl Iodide	3.96	142	191569	20.229	ug/l	99
11) Tert butyl alcohol	4.77	59	41637	112.343	ug/l	98
12) 1,1-Dichloroethene	3.74	96	119523	20.676	ug/l	99
13) Acrolein	3.61	56	25057	124.174	ug/l	99
14) Allyl chloride	4.33	41	171729	18.658	ug/l	92
15) Acrylonitrile	4.99	53	219924	109.917	ug/l	99
16) Acetone	3.82	43	145829	90.785	ug/l	98
17) Carbon Disulfide	4.06	76	330623	18.368	ug/l	99
18) Methyl Acetate	4.33	43	109260	22.968	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	321307	21.926	ug/l	99
20) Methylene Chloride	4.56	84	137433	20.393	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	125231	20.080	ug/l	98
22) Diisopropyl ether	5.96	45	362329	21.245	ug/l	96
23) Vinyl Acetate	5.90	43	1258223	106.647	ug/l	99
24) 1,1-Dichloroethane	5.85	63	240384	21.132	ug/l	99
25) 2-Butanone	6.84	43	231847	101.201	ug/l	99
26) 2,2-Dichloropropane	6.82	77	154476	17.790	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	146474	21.122	ug/l	96
28) Bromochloromethane	7.20	49	101109	20.483	ug/l	95
29) Tetrahydrofuran	7.21	42	161197	109.576	ug/l	98
30) Chloroform	7.37	83	238757	21.174	ug/l	98
31) Cyclohexane	7.66	56	201691	18.939	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	198441	21.147	ug/l	98
36) 1,1-Dichloropropene	7.79	75	171787	18.888	ug/l	98
37) Ethyl Acetate	6.93	43	104965	20.664	ug/l	99
38) Carbon Tetrachloride	7.78	117	179712	19.614	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	185605	17.201	ug/l	100
40) Benzene	8.04	78	545729	19.458	ug/l	99
41) Methacrylonitrile	7.17	41	48290	17.009	ug/l #	77
42) 1,2-Dichloroethane	8.13	62	161620	19.407	ug/l	98
43) Isopropyl Acetate	8.17	43	208527	21.257	ug/l	95
44) Trichloroethene	8.84	130	149502	18.723	ug/l	99
45) 1,2-Dichloropropane	9.12	63	142444	19.856	ug/l	97
46) Dibromomethane	9.21	93	84760	19.600	ug/l	97
47) Bromodichloromethane	9.40	83	179530	19.967	ug/l	99
48) Methyl methacrylate	9.20	41	96480	20.603	ug/l	98
49) 1,4-Dioxane	9.20	88	26930	420.471	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	489829	101.611	ug/l	99
52) Toluene	10.16	92	329038	19.767	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	169865	18.867	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	202011	18.934	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	124278	20.719	ug/l	98
56) Ethyl methacrylate	10.43	69	143552	20.230	ug/l	97
57) 1,3-Dichloropropane	10.71	76	203061	19.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	359384	87.058	ug/l	100
59) 2-Hexanone	10.75	43	308938	94.402	ug/l	99
60) Dibromochloromethane	10.90	129	136778	20.221	ug/l	100
61) 1,2-Dibromoethane	11.01	107	115223	19.408	ug/l	100
64) Tetrachloroethene	10.63	164	140719	18.861	ug/l	98
65) Chlorobenzene	11.44	112	361622	19.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	130843	20.265	ug/l	99
67) Ethyl Benzene	11.51	91	587832	19.356	ug/l	99
68) m/p-Xylenes	11.62	106	458970	39.598	ug/l	100
69) o-Xylene	11.95	106	224409	20.040	ug/l	99
70) Styrene	11.97	104	364768	20.098	ug/l	100
71) Bromoform	12.13	173	92873	20.981	ug/l #	97
73) Isopropylbenzene	12.25	105	583100	20.156	ug/l	100
74) N-amyl acetate	12.07	43	146545	21.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	140859	20.345	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	116294m	22.001	ug/l	
77) Bromobenzene	12.53	156	158923	20.383	ug/l	96
78) n-propylbenzene	12.59	91	662811	19.819	ug/l	100
79) 2-Chlorotoluene	12.67	91	400510	20.186	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	495691	20.663	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35055	18.648	ug/l	95
82) 4-Chlorotoluene	12.77	91	400983	19.695	ug/l	99
83) tert-Butylbenzene	12.99	119	444378	20.959	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	505183	20.669	ug/l	99
85) sec-Butylbenzene	13.17	105	597261	20.700	ug/l	100
86) p-Isopropyltoluene	13.29	119	514146	20.375	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	271298	19.356	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	266106	19.194	ug/l	99
89) n-Butylbenzene	13.62	91	416427	19.066	ug/l	100
90) Hexachloroethane	13.88	117	88132	21.174	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	271037	20.200	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21560	21.850	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	141394	18.373	ug/l	99
94) Hexachlorobutadiene	15.01	225	95180	19.860	ug/l	98
95) Naphthalene	15.13	128	294322	17.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	136339	19.094	ug/l	100

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

