

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054096.D
 Acq On : 5 Mar 2019 13:54
 Operator : JC/SP
 Sample : VN0305WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:15:34 AM

Quant Time: Mar 06 02:56:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	594120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	989381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	857339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	374899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	360169	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	323521	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	10.09	98	1183100	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	383861	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	107532	19.666	ug/l	100
3) Chloromethane	2.06	50	150085	19.789	ug/l	100
4) Vinyl Chloride	2.19	62	154060	20.273	ug/l	100
5) Bromomethane	2.57	94	98164	19.505	ug/l	99
6) Chloroethane	2.71	64	92848	19.646	ug/l	99
7) Trichlorofluoromethane	3.02	101	195130	20.100	ug/l	99
8) Diethyl Ether	3.41	74	75753	20.827	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121741	19.855	ug/l	93
10) Methyl Iodide	3.95	142	159922	19.850	ug/l	99
11) Tert butyl alcohol	4.77	59	49121	111.259	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	115637	19.717	ug/l	96
13) Acrolein	3.61	56	33688	73.699	ug/l	100
14) Allyl chloride	4.33	41	211984	20.608	ug/l	96
15) Acrylonitrile	4.99	53	260668	112.022	ug/l	99
16) Acetone	3.82	43	183304	91.732	ug/l	97
17) Carbon Disulfide	4.06	76	337994	17.864	ug/l	100
18) Methyl Acetate	4.32	43	115420	23.701	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	330334	20.996	ug/l	97
20) Methylene Chloride	4.55	84	139337	20.215	ug/l	91
21) trans-1,2-Dichloroethene	5.05	96	125856	19.827	ug/l	94
22) Diisopropyl ether	5.95	45	416569	20.991	ug/l	94
23) Vinyl Acetate	5.90	43	1467306	102.782	ug/l	96
24) 1,1-Dichloroethane	5.85	63	249717	20.520	ug/l	99
25) 2-Butanone	6.83	43	288396	105.463	ug/l	97
26) 2,2-Dichloropropane	6.83	77	166243	19.228	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	144912	20.527	ug/l	95
28) Bromochloromethane	7.19	49	120798	21.686	ug/l	85
29) Tetrahydrofuran	7.21	42	204094	112.075	ug/l	91
30) Chloroform	7.37	83	243381	20.625	ug/l	96
31) Cyclohexane	7.65	56	228976	20.317	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	196277	20.173	ug/l	96
36) 1,1-Dichloropropene	7.79	75	175922	19.120	ug/l	99
37) Ethyl Acetate	6.93	43	130339	19.839	ug/l	96
38) Carbon Tetrachloride	7.77	117	176663	18.462	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	198799	17.926	ug/l	96
40) Benzene	8.04	78	558473	19.758	ug/l	100
41) Methacrylonitrile	7.17	41	60720	14.353	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	174564	19.948	ug/l	97
43) Isopropyl Acetate	8.16	43	217954	19.649	ug/l #	90
44) Trichloroethene	8.83	130	148328	19.794	ug/l	97
45) 1,2-Dichloropropane	9.12	63	153562	20.137	ug/l	99
46) Dibromomethane	9.21	93	89078	20.120	ug/l	92
47) Bromodichloromethane	9.40	83	184621	19.788	ug/l	98
48) Methyl methacrylate	9.20	41	101056	19.806	ug/l	95
49) 1,4-Dioxane	9.20	88	29731	430.220	ug/l #	95
51) 4-Methyl-2-Pentanone	9.98	43	602395	105.681	ug/l	96
52) Toluene	10.16	92	330590	19.863	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	173378	19.098	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	209183	19.546	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	128805	20.722	ug/l	99
56) Ethyl methacrylate	10.43	69	147311	19.323	ug/l	92
57) 1,3-Dichloropropane	10.71	76	216256	20.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	328125	95.383	ug/l	96
59) 2-Hexanone	10.75	43	378772	102.171	ug/l	94
60) Dibromochloromethane	10.90	129	131786	19.077	ug/l	97
61) 1,2-Dibromoethane	11.00	107	117624	19.617	ug/l	99
64) Tetrachloroethene	10.63	164	146866	20.230	ug/l	98
65) Chlorobenzene	11.43	112	353454	19.534	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	127707	19.584	ug/l	97
67) Ethyl Benzene	11.51	91	595419	19.629	ug/l	99
68) m/p-Xylenes	11.62	106	455509	39.788	ug/l	96
69) o-Xylene	11.95	106	221251	19.669	ug/l	99
70) Styrene	11.96	104	352269	20.360	ug/l	98
71) Bromoform	12.13	173	89993	19.837	ug/l #	99
73) Isopropylbenzene	12.25	105	583609	19.998	ug/l	98
74) N-amyl acetate	12.07	43	153940	20.126	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	148707	20.377	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	140773m	23.407	ug/l	
77) Bromobenzene	12.53	156	145264	19.605	ug/l	88
78) n-propylbenzene	12.59	91	665280	20.045	ug/l	98
79) 2-Chlorotoluene	12.67	91	401486	20.137	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	486465	20.361	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35865	18.849	ug/l	89
82) 4-Chlorotoluene	12.77	91	395736	20.083	ug/l	97
83) tert-Butylbenzene	12.99	119	422051	19.973	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	485433	20.352	ug/l	100
85) sec-Butylbenzene	13.17	105	581167	20.137	ug/l	98
86) p-Isopropyltoluene	13.29	119	482401	19.772	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	249355	19.454	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	239920	19.293	ug/l	97
89) n-Butylbenzene	13.62	91	387016	18.822	ug/l	98
90) Hexachloroethane	13.88	117	88464	18.711	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	247823	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21367	20.719	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	106070	16.931	ug/l	97
94) Hexachlorobutadiene	15.01	225	82478	18.402	ug/l	97
95) Naphthalene	15.13	128	206747	16.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	109094	17.549	ug/l	98

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

