

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050403.D
 Acq On : 7 Aug 2018 00:08
 Operator : MD\SY
 Sample : VN0806WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:59:19 AM

Quant Time: Aug 07 07:36:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	940386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434575	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	436638	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.94%		
35) Dibromofluoromethane	7.59	113	385141	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.08%		
50) Toluene-d8	10.09	98	1434029	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.10%		
62) 4-Bromofluorobenzene	12.40	95	463236	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	141039	20.20	ug/l	98
3) Chloromethane	2.06	50	175042	20.35	ug/l	100
4) Vinyl Chloride	2.18	62	189610	20.98	ug/l	100
5) Bromomethane	2.56	94	98818	22.65	ug/l	100
6) Chloroethane	2.70	64	113372	20.36	ug/l	100
7) Trichlorofluoromethane	3.01	101	243218	20.84	ug/l	99
8) Diethyl Ether	3.41	74	86717	20.26	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	147188	20.41	ug/l	100
10) Methyl Iodide	3.95	142	78298	24.64	ug/l	100
11) Tert butyl alcohol	4.80	59	69610	103.13	ug/l	99
12) 1,1-Dichloroethene	3.73	96	136626	20.10	ug/l	97
13) Acrolein	3.61	56	82792	103.64	ug/l	97
14) Allyl chloride	4.32	41	209134	19.15	ug/l	98
15) Acrylonitrile	5.00	53	288692	102.11	ug/l	99
16) Acetone	3.82	43	269427	107.32	ug/l	98
17) Carbon Disulfide	4.05	76	410191	18.55	ug/l	99
18) Methyl Acetate	4.33	43	140318	21.44	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	394863	20.46	ug/l	98
20) Methylene Chloride	4.55	84	163119	20.37	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	149205	20.28	ug/l	98
22) Diisopropyl ether	5.96	45	474945	21.29	ug/l	99
23) Vinyl Acetate	5.90	43	1648028	103.56	ug/l	99
24) 1,1-Dichloroethane	5.85	63	281353	20.56	ug/l	100
25) 2-Butanone	6.84	43	436670	104.88	ug/l	99
26) 2,2-Dichloropropane	6.83	77	171850	15.23	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	164127	20.13	ug/l	98
28) Bromochloromethane	7.20	49	135087	21.44	ug/l	98
29) Tetrahydrofuran	7.22	42	230538	103.45	ug/l	100
30) Chloroform	7.37	83	285101	20.84	ug/l	99
31) Cyclohexane	7.66	56	238184	19.39	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	240968	20.51	ug/l	99
36) 1,1-Dichloropropene	7.80	75	208300	20.16	ug/l	99
37) Ethyl Acetate	6.94	43	156973	21.10	ug/l	100
38) Carbon Tetrachloride	7.78	117	214511	19.90	ug/l	99

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39) Methylcyclohexane	9.08	83	212077	18.80	ug/l	99
40) Benzene	8.04	78	643385	20.25	ug/l	98
41) Methacrylonitrile	7.18	41	75062	18.97	ug/l	88
42) 1,2-Dichloroethane	8.13	62	208161	20.64	ug/l	99
43) Isopropyl Acetate	8.17	43	279539	21.76	ug/l	99
44) Trichloroethene	8.84	130	166185	19.47	ug/l	99
45) 1,2-Dichloropropane	9.12	63	167853	20.10	ug/l	97
46) Dibromomethane	9.21	93	105950	20.54	ug/l	99
47) Bromodichloromethane	9.41	83	214573	20.09	ug/l	99
48) Methyl methacrylate	9.20	41	129136	20.06	ug/l	98
49) 1,4-Dioxane	9.20	88	39661	399.66	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	979831	105.92	ug/l	100
52) Toluene	10.16	92	393075	20.60	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	203974	19.02	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	234613	19.60	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	149892	20.12	ug/l	95
56) Ethyl methacrylate	10.43	69	189903	19.11	ug/l	99
57) 1,3-Dichloropropane	10.71	76	252391	20.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	456187	97.49	ug/l	100
59) 2-Hexanone	10.75	43	668503	103.55	ug/l	99
60) Dibromochloromethane	10.90	129	167598	20.42	ug/l	100
61) 1,2-Dibromoethane	11.01	107	150074	20.44	ug/l	98
64) Tetrachloroethene	10.63	164	168068	21.24	ug/l	97
65) Chlorobenzene	11.44	112	419691	19.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157256	20.35	ug/l	98
67) Ethyl Benzene	11.51	91	694583	20.24	ug/l	100
68) m/p-Xylenes	11.62	106	537774	41.16	ug/l	99
69) o-Xylene	11.95	106	257159	20.43	ug/l	97
70) Styrene	11.97	104	417334	20.39	ug/l	100
71) Bromoform	12.13	173	115345	20.42	ug/l #	99
73) Isopropylbenzene	12.25	105	679213	20.82	ug/l	100
74) N-amyl acetate	12.07	43	219473	20.76	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	196192	20.85	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	167275m	21.27	ug/l	
77) Bromobenzene	12.53	156	181248	20.74	ug/l	100
78) n-propylbenzene	12.59	91	775736	21.01	ug/l	100
79) 2-Chlorotoluene	12.68	91	470553	20.63	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	561197	21.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44382	19.82	ug/l	95
82) 4-Chlorotoluene	12.78	91	477740	21.01	ug/l	99
83) tert-Butylbenzene	12.99	119	471950	20.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	575024	21.44	ug/l	100
85) sec-Butylbenzene	13.17	105	635640	20.64	ug/l	99
86) p-Isopropyltoluene	13.29	119	547230	20.74	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	314028	20.17	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	307149	19.76	ug/l	99
89) n-Butylbenzene	13.62	91	417922	18.60	ug/l	100
90) Hexachloroethane	13.88	117	94246	20.09	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	311664	19.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31082	19.45	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	153985	19.38	ug/l	98
94) Hexachlorobutadiene	15.01	225	91235	20.03	ug/l	97
95) Naphthalene	15.14	128	350244	19.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	155146	19.31	ug/l	98

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

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