

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057323.D
 Acq On : 15 Aug 2019 11:51
 Operator : JC/SP
 Sample : VN0816WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

Manual Integrations
 APPROVED

MMdadoda
 8/19/2019 1:54:05 AM

Quant Time: Aug 15 12:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	856468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1271774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1119290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	460742	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
35) Dibromofluoromethane	7.58	113	407338	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.08	98	1537491	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	486104	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	130342	17.686	ug/l	96
3) Chloromethane	2.05	50	149966	17.240	ug/l	100
4) Vinyl Chloride	2.18	62	147426	18.014	ug/l	98
5) Bromomethane	2.54	94	111262m	19.072	ug/l	
6) Chloroethane	2.69	64	100800	17.906	ug/l	99
7) Trichlorofluoromethane	3.01	101	229462	17.875	ug/l	99
8) Diethyl Ether	3.40	74	85817	17.762	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	138367	18.346	ug/l	99
10) Methyl Iodide	3.95	142	217601	18.050	ug/l	100
11) Tert butyl alcohol	4.76	59	116713	88.175	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	137883	18.349	ug/l	97
13) Acrolein	3.60	56	77631	96.610	ug/l	99
14) Allyl chloride	4.32	41	212349	17.629	ug/l	98
15) Acrylonitrile	4.97	53	326056	90.732	ug/l	99
16) Acetone	3.80	43	260822	80.753	ug/l	99
17) Carbon Disulfide	4.05	76	351993	17.387	ug/l	100
18) Methyl Acetate	4.31	43	170397	18.206	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	434307	18.419	ug/l	99
20) Methylene Chloride	4.54	84	159961	17.701	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	146013	18.068	ug/l	95
22) Diisopropyl ether	5.94	45	439985	18.490	ug/l	98
23) Vinyl Acetate	5.88	43	1740535	90.887	ug/l	99
24) 1,1-Dichloroethane	5.84	63	266047	18.173	ug/l	99
25) 2-Butanone	6.82	43	412599	88.215	ug/l	97
26) 2,2-Dichloropropane	6.81	77	213672	18.060	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	172676	18.049	ug/l	100
28) Bromochloromethane	7.18	49	136719	21.019	ug/l	100
29) Tetrahydrofuran	7.20	42	264993	89.526	ug/l	98
30) Chloroform	7.36	83	275535	17.960	ug/l	97
31) Cyclohexane	7.65	56	227036	17.896	ug/l	96
32) 1,1,1-Trichloroethane	7.56	97	240176	18.613	ug/l	99
36) 1,1-Dichloropropene	7.79	75	197229	17.564	ug/l	99
37) Ethyl Acetate	6.91	43	170715	18.562	ug/l	99
38) Carbon Tetrachloride	7.77	117	208342	17.857	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	236346	18.026	ug/l	99
40) Benzene	8.03	78	614746	17.899	ug/l	97
41) Methacrylonitrile	7.17	41	86013m	20.767	ug/l	
42) 1,2-Dichloroethane	8.12	62	203877	17.936	ug/l	99
43) Isopropyl Acetate	8.16	43	360477	20.773	ug/l	93
44) Trichloroethene	8.83	130	176083	18.236	ug/l	95
45) 1,2-Dichloropropane	9.11	63	165422	18.686	ug/l	100
46) Dibromomethane	9.20	93	106148	17.973	ug/l	98
47) Bromodichloromethane	9.40	83	211193	18.048	ug/l	99
48) Methyl methacrylate	9.19	41	139125	18.370	ug/l	99
49) 1,4-Dioxane	9.19	88	57898	363.527	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	843439	88.895	ug/l	99
52) Toluene	10.15	92	394142	18.437	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	223005	17.619	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	253919	18.193	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	156375	18.603	ug/l	100
56) Ethyl methacrylate	10.43	69	226190	18.439	ug/l	98
57) 1,3-Dichloropropane	10.71	76	255969	18.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	291989	91.556	ug/l	100
59) 2-Hexanone	10.75	43	599014	87.817	ug/l	100
60) Dibromochloromethane	10.90	129	172996	18.365	ug/l	100
61) 1,2-Dibromoethane	11.00	107	163630	18.273	ug/l	99
64) Tetrachloroethene	10.63	164	182156	18.826	ug/l	98
65) Chlorobenzene	11.43	112	422698	18.516	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	162303	18.564	ug/l	98
67) Ethyl Benzene	11.51	91	731885	18.325	ug/l	100
68) m/p-Xylenes	11.62	106	541668	36.810	ug/l	99
69) o-Xylene	11.95	106	269574	18.658	ug/l	99
70) Styrene	11.96	104	412865	17.926	ug/l	99
71) Bromoform	12.13	173	128229	18.591	ug/l #	98
73) Isopropylbenzene	12.25	105	713760	20.606	ug/l	100
74) N-amyl acetate	12.07	43	213353	18.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	208628	21.038	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	173069m	21.052	ug/l	
77) Bromobenzene	12.53	156	186705	20.664	ug/l	98
78) n-propylbenzene	12.59	91	699763	18.295	ug/l	99
79) 2-Chlorotoluene	12.67	91	449570	20.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	584065	20.493	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	61132	18.767	ug/l	97
82) 4-Chlorotoluene	12.77	91	404237	17.835	ug/l	98
83) tert-Butylbenzene	12.99	119	527810	20.702	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	548185	19.161	ug/l	99
85) sec-Butylbenzene	13.17	105	623179	19.826	ug/l	99
86) p-Isopropyltoluene	13.29	119	543280	18.548	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	248404	17.849	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	234254	17.732	ug/l	99
89) n-Butylbenzene	13.62	91	401409	19.223	ug/l	98
90) Hexachloroethane	13.88	117	108864	20.478	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	243668	18.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24511	17.305	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	54852	14.796	ug/l	98
94) Hexachlorobutadiene	15.01	225	111643	19.707	ug/l	98
95) Naphthalene	15.13	128	112450	17.608	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	53252	16.738	ug/l	98

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

