

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081418\
 Data File : VN050595.D
 Acq On : 14 Aug 2018 12:18
 Operator : MD\SY
 Sample : VN0814WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 3:31:25 PM

Quant Time: Aug 15 08:34:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	924848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	456013	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	447232	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.14%		
35) Dibromofluoromethane	7.59	113	415962	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.04%		
50) Toluene-d8	10.09	98	1540710	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.46%		
62) 4-Bromofluorobenzene	12.40	95	479897	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	155155	19.23	ug/l	98
3) Chloromethane	2.06	50	194795	19.51	ug/l	100
4) Vinyl Chloride	2.18	62	201512	18.80	ug/l	97
5) Bromomethane	2.56	94	104396	16.73	ug/l	96
6) Chloroethane	2.70	64	122475	19.60	ug/l	98
7) Trichlorofluoromethane	3.01	101	270273	19.22	ug/l	99
8) Diethyl Ether	3.41	74	91444	19.54	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	166805	19.61	ug/l	100
10) Methyl Iodide	3.95	142	109131	22.49	ug/l	99
11) Tert butyl alcohol	4.80	59	52206	105.97	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	149743	19.28	ug/l	99
13) Acrolein	3.61	56	17241	85.24	ug/l	96
14) Allyl chloride	4.33	41	234685	19.43	ug/l	99
15) Acrylonitrile	4.99	53	265786	98.23	ug/l	100
16) Acetone	3.82	43	251613	110.88	ug/l	99
17) Carbon Disulfide	4.05	76	467284	19.12	ug/l	100
18) Methyl Acetate	4.33	43	129800	19.88	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	400844	20.28	ug/l	100
20) Methylene Chloride	4.55	84	175333	19.67	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	166670	19.79	ug/l	96
22) Diisopropyl ether	5.96	45	512995	20.71	ug/l	99
23) Vinyl Acetate	5.90	43	1674161	103.33	ug/l	100
24) 1,1-Dichloroethane	5.85	63	306914	19.15	ug/l	100
25) 2-Butanone	6.84	43	391495	105.83	ug/l	98
26) 2,2-Dichloropropane	6.83	77	251295	23.42	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	184141	19.64	ug/l	98
28) Bromochloromethane	7.20	49	144404	19.80	ug/l	99
29) Tetrahydrofuran	7.22	42	201042	104.08	ug/l	99
30) Chloroform	7.37	83	305740	18.82	ug/l	97
31) Cyclohexane	7.66	56	271116	19.61	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	264783	19.37	ug/l	98
36) 1,1-Dichloropropene	7.80	75	232641	20.06	ug/l	100
37) Ethyl Acetate	6.93	43	146734	22.39	ug/l	99
38) Carbon Tetrachloride	7.78	117	235763	19.60	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	245427	20.44	ug/l	99
40) Benzene	8.04	78	708078	20.07	ug/l	100
41) Methacrylonitrile	7.20	41	100813m	28.45	ug/l	
42) 1,2-Dichloroethane	8.13	62	216369	20.01	ug/l	100
43) Isopropyl Acetate	8.17	43	240266	20.12	ug/l #	87
44) Trichloroethene	8.84	130	184252	19.50	ug/l	99
45) 1,2-Dichloropropane	9.12	63	185795	19.78	ug/l	99
46) Dibromomethane	9.21	93	109679	19.78	ug/l	97
47) Bromodichloromethane	9.40	83	230295	19.43	ug/l	99
48) Methyl methacrylate	9.20	41	119262	19.84	ug/l	100
49) 1,4-Dioxane	9.20	88	31665	399.92	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	847553	104.92	ug/l	100
52) Toluene	10.16	92	426351	20.24	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	221157	20.03	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	265975	21.00	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	156799	19.93	ug/l	100
56) Ethyl methacrylate	10.43	69	181420	19.29	ug/l	98
57) 1,3-Dichloropropane	10.71	76	259458	20.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	437439	97.61	ug/l	100
59) 2-Hexanone	10.75	43	564093	108.19	ug/l	99
60) Dibromochloromethane	10.90	129	170363	19.62	ug/l	100
61) 1,2-Dibromoethane	11.01	107	147750	19.72	ug/l	100
64) Tetrachloroethene	10.63	164	167560	19.51	ug/l	97
65) Chlorobenzene	11.43	112	455240	19.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	170323	19.74	ug/l	99
67) Ethyl Benzene	11.51	91	749753	20.17	ug/l	100
68) m/p-Xylenes	11.62	106	584052	41.09	ug/l	99
69) o-Xylene	11.95	106	274279	20.24	ug/l	99
70) Styrene	11.96	104	444909	19.05	ug/l	100
71) Bromoform	12.13	173	112475	19.66	ug/l #	99
73) Isopropylbenzene	12.25	105	728690	20.45	ug/l	100
74) N-amyl acetate	12.07	43	190171	20.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	183634	20.84	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	142348m	18.68	ug/l	
77) Bromobenzene	12.53	156	188131	19.45	ug/l	99
78) n-propylbenzene	12.59	91	815566	20.53	ug/l	99
79) 2-Chlorotoluene	12.68	91	496098	20.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	596235	20.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43228	21.08	ug/l	98
82) 4-Chlorotoluene	12.77	91	499404	20.40	ug/l	100
83) tert-Butylbenzene	12.99	119	491889	19.86	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	607422	21.22	ug/l	99
85) sec-Butylbenzene	13.17	105	663972	20.52	ug/l	99
86) p-Isopropyltoluene	13.29	119	574202	20.94	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	323170	19.63	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	315301	19.29	ug/l	100
89) n-Butylbenzene	13.62	91	439626	19.86	ug/l	99
90) Hexachloroethane	13.88	117	101455	18.40	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	311218	19.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26018	20.47	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139563	18.70	ug/l	100
94) Hexachlorobutadiene	15.01	225	97895	19.87	ug/l	98
95) Naphthalene	15.13	128	274685	18.31	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	136902	19.03	ug/l	99

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

