

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051079.D
 Acq On : 10 Sep 2018 15:45
 Operator : MD\SY
 Sample : VN0910WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:40:47 AM

Quant Time: Sep 11 03:49:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	674259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	416243	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	377007	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.59	113	366552	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.09	98	1385773	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	447942	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	124328	19.12	ug/l	97
3) Chloromethane	2.06	50	171565	20.11	ug/l	98
4) Vinyl Chloride	2.18	62	172136	19.29	ug/l	99
5) Bromomethane	2.56	94	98009	18.85	ug/l	99
6) Chloroethane	2.70	64	103722	18.83	ug/l	99
7) Trichlorofluoromethane	3.01	101	228937	19.36	ug/l	98
8) Diethyl Ether	3.41	74	88134	20.26	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	146274	19.19	ug/l	99
10) Methyl Iodide	3.95	142	115384	19.99	ug/l	99
11) Tert butyl alcohol	4.80	59	53760	93.80	ug/l	98
12) 1,1-Dichloroethene	3.73	96	135982	18.91	ug/l	98
13) Acrolein	3.61	56	70550	115.34	ug/l	97
14) Allyl chloride	4.32	41	208562	19.03	ug/l	100
15) Acrylonitrile	4.99	53	251393	98.99	ug/l	99
16) Acetone	3.82	43	184445	95.82	ug/l	99
17) Carbon Disulfide	4.05	76	407204	19.28	ug/l	100
18) Methyl Acetate	4.33	43	110081	18.32	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	374282	19.69	ug/l	99
20) Methylene Chloride	4.55	84	157992	19.06	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	148352	19.02	ug/l	96
22) Diisopropyl ether	5.95	45	449300	20.66	ug/l	99
23) Vinyl Acetate	5.90	43	1476539	100.31	ug/l	99
24) 1,1-Dichloroethane	5.85	63	269142	19.50	ug/l	99
25) 2-Butanone	6.84	43	272608	92.41	ug/l	98
26) 2,2-Dichloropropane	6.83	77	209149	18.52	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	166182	19.42	ug/l	99
28) Bromochloromethane	7.20	49	115193	18.75	ug/l	100
29) Tetrahydrofuran	7.21	42	188939	102.56	ug/l	98
30) Chloroform	7.37	83	267178	19.46	ug/l	97
31) Cyclohexane	7.65	56	242566	19.57	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	230747	19.73	ug/l	100
36) 1,1-Dichloropropene	7.79	75	206557	19.42	ug/l	99
37) Ethyl Acetate	6.93	43	124933	20.28	ug/l	99
38) Carbon Tetrachloride	7.77	117	205723	19.65	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	224612	19.14	ug/l	98
40) Benzene	8.04	78	637091	19.88	ug/l	99
41) Methacrylonitrile	7.19	41	72466m	22.80	ug/l	
42) 1,2-Dichloroethane	8.13	62	186418	19.95	ug/l	99
43) Isopropyl Acetate	8.17	43	217222	19.98	ug/l	99
44) Trichloroethene	8.84	130	167563	19.11	ug/l	96
45) 1,2-Dichloropropane	9.12	63	162271	19.59	ug/l	97
46) Dibromomethane	9.21	93	99918	19.77	ug/l	98
47) Bromodichloromethane	9.40	83	201219	19.58	ug/l	99
48) Methyl methacrylate	9.20	41	105399	19.90	ug/l	99
49) 1,4-Dioxane	9.20	88	32840	395.36	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	620424	103.22	ug/l	99
52) Toluene	10.16	92	390642	19.99	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	197558	19.21	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	240024	19.91	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	142942	20.13	ug/l	98
56) Ethyl methacrylate	10.43	69	172046	19.63	ug/l	99
57) 1,3-Dichloropropane	10.71	76	237443	20.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	346937	96.58	ug/l	99
59) 2-Hexanone	10.75	43	389450	95.54	ug/l	100
60) Dibromochloromethane	10.90	129	158352	19.79	ug/l	99
61) 1,2-Dibromoethane	11.01	107	138512	19.96	ug/l	98
64) Tetrachloroethene	10.63	164	155531	19.50	ug/l	98
65) Chlorobenzene	11.43	112	426225	19.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	155411	19.59	ug/l	99
67) Ethyl Benzene	11.51	91	697916	19.56	ug/l	99
68) m/p-Xylenes	11.62	106	546126	39.84	ug/l	100
69) o-Xylene	11.95	106	263756	19.87	ug/l	99
70) Styrene	11.96	104	416235	20.21	ug/l	99
71) Bromoform	12.13	173	109870	19.67	ug/l #	99
73) Isopropylbenzene	12.25	105	689824	19.76	ug/l	99
74) N-amyl acetate	12.07	43	168942	19.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	178972	21.44	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	161107m	24.20	ug/l	
77) Bromobenzene	12.53	156	179575	19.15	ug/l	99
78) n-propylbenzene	12.59	91	758640	19.77	ug/l	100
79) 2-Chlorotoluene	12.67	91	469258	19.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	564203	19.99	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	41946	19.14	ug/l	98
82) 4-Chlorotoluene	12.77	91	456204	19.16	ug/l	100
83) tert-Butylbenzene	12.99	119	488722	19.62	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	565101	20.36	ug/l	100
85) sec-Butylbenzene	13.17	105	630834	19.74	ug/l	99
86) p-Isopropyltoluene	13.29	119	545667	20.14	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	293321	18.44	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	286348	19.61	ug/l	99
89) n-Butylbenzene	13.62	91	389023	18.45	ug/l	99
90) Hexachloroethane	13.87	117	100438	19.99	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	289814	18.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23277	19.92	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	107553	17.20	ug/l	98
94) Hexachlorobutadiene	15.01	225	92235	19.34	ug/l	99
95) Naphthalene	15.13	128	200788	16.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	114749	18.04	ug/l	99

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

