

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051276.D
 Acq On : 17 Sep 2018 17:49
 Operator : MD\SY
 Sample : VN0917WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBSD01

Quant Time: Sep 18 15:06:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	572293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	787159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	697353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319173	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	315509	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	318055	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
50) Toluene-d8	10.09	98	1173810	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	356426	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	108997	19.64	ug/l	100
3) Chloromethane	2.06	50	151002	20.73	ug/l	99
4) Vinyl Chloride	2.18	62	143934	19.21	ug/l	98
5) Bromomethane	2.57	94	82249	18.91	ug/l	99
6) Chloroethane	2.70	64	87208	19.51	ug/l	98
7) Trichlorofluoromethane	3.01	101	199567	19.44	ug/l	100
8) Diethyl Ether	3.41	74	66216	19.71	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	122855	19.15	ug/l	100
10) Methyl Iodide	3.95	142	95789	19.12	ug/l	99
11) Tert butyl alcohol	4.79	59	34294	100.13	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	113131	19.52	ug/l	99
13) Acrolein	3.61	56	45096	93.34	ug/l	99
14) Allyl chloride	4.32	41	164610	19.24	ug/l	100
15) Acrylonitrile	4.99	53	181713	101.41	ug/l	99
16) Acetone	3.82	43	136988	94.58	ug/l	97
17) Carbon Disulfide	4.05	76	331954	18.58	ug/l	98
18) Methyl Acetate	4.33	43	86897	20.11	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	283195	20.39	ug/l	100
20) Methylene Chloride	4.55	84	132256	19.43	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	119659	18.84	ug/l	96
22) Diisopropyl ether	5.95	45	349250	21.08	ug/l	97
23) Vinyl Acetate	5.90	43	1093780	101.88	ug/l	99
24) 1,1-Dichloroethane	5.85	63	221051	19.95	ug/l	99
25) 2-Butanone	6.84	43	190985	95.86	ug/l	99
26) 2,2-Dichloropropane	6.82	77	178649	19.83	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	132304	19.50	ug/l	98
28) Bromochloromethane	7.20	49	94843	19.44	ug/l	97
29) Tetrahydrofuran	7.22	42	128716	104.49	ug/l	97
30) Chloroform	7.37	83	227588	20.12	ug/l	99
31) Cyclohexane	7.66	56	193196	19.22	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	191597	19.73	ug/l	99
36) 1,1-Dichloropropene	7.80	75	166428	19.53	ug/l	99
37) Ethyl Acetate	6.93	43	87381	19.95	ug/l	99
38) Carbon Tetrachloride	7.78	117	175386	19.74	ug/l	99

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39) Methylcyclohexane	9.08	83	181225	19.58	ug/l	99
40) Benzene	8.05	78	514772	20.30	ug/l	100
41) Methacrylonitrile	7.18	41	42149	18.75	ug/l	88
42) 1,2-Dichloroethane	8.13	62	154455	20.72	ug/l	99
43) Isopropyl Acetate	8.17	43	153513	20.25	ug/l	99
44) Trichloroethene	8.84	130	140896	19.77	ug/l	99
45) 1,2-Dichloropropane	9.12	63	134735	20.96	ug/l	99
46) Dibromomethane	9.21	93	78468	20.04	ug/l	98
47) Bromodichloromethane	9.40	83	168132	20.15	ug/l	98
48) Methyl methacrylate	9.20	41	73382	20.10	ug/l	99
49) 1,4-Dioxane	9.20	88	20948	396.65	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	417365	106.72	ug/l	99
52) Toluene	10.16	92	316602	20.86	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	156582	19.97	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	190498	20.34	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	111870	20.61	ug/l	98
56) Ethyl methacrylate	10.43	69	122357	19.06	ug/l	98
57) 1,3-Dichloropropane	10.71	76	182470	20.64	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	269289	93.22	ug/l	99
59) 2-Hexanone	10.75	43	254887	98.98	ug/l	99
60) Dibromochloromethane	10.90	129	126954	19.88	ug/l	99
61) 1,2-Dibromoethane	11.01	107	105339	20.20	ug/l	99
64) Tetrachloroethene	10.63	164	128474	19.41	ug/l	98
65) Chlorobenzene	11.43	112	343093	19.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	132149	20.24	ug/l	99
67) Ethyl Benzene	11.51	91	550834	20.04	ug/l	99
68) m/p-Xylenes	11.62	106	442263	41.42	ug/l	99
69) o-Xylene	11.95	106	208135	20.45	ug/l	98
70) Styrene	11.96	104	324018	18.80	ug/l	99
71) Bromoform	12.13	173	84860	19.60	ug/l #	99
73) Isopropylbenzene	12.25	105	547300	20.33	ug/l	100
74) N-amyl acetate	12.07	43	107019	19.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	128018	21.22	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	147036	32.73	ug/l #	100
77) Bromobenzene	12.53	156	141625	20.51	ug/l	99
78) n-propylbenzene	12.59	91	589050	20.29	ug/l	99
79) 2-Chlorotoluene	12.67	91	363430	19.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	445788	20.71	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28663	19.95	ug/l	97
82) 4-Chlorotoluene	12.77	91	352552	20.08	ug/l	100
83) tert-Butylbenzene	12.99	119	388259	20.42	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	442832	21.19	ug/l	100
85) sec-Butylbenzene	13.17	105	491024	20.33	ug/l	99
86) p-Isopropyltoluene	13.29	119	421751	20.83	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	227852	19.16	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	219714	19.76	ug/l	99
89) n-Butylbenzene	13.62	91	287954	18.63	ug/l	99
90) Hexachloroethane	13.88	117	82352	20.34	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	222882	20.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15831	20.26	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	72882	17.21	ug/l	98
94) Hexachlorobutadiene	15.01	225	72723	19.06	ug/l	97
95) Naphthalene	15.13	128	146328	18.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	77954	17.98	ug/l	99

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

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