

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051189.D
 Acq On : 14 Sep 2018 14:47
 Operator : MD\SY
 Sample : VN0914WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD02

Quant Time: Sep 15 08:23:19 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	562701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	787737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	704820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	323857	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	305104	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.59	113	302740	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.09	98	1111098	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	345043	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	92190	16.99	ug/l	99
3) Chloromethane	2.06	50	121939	17.05	ug/l	99
4) Vinyl Chloride	2.18	62	125506	16.85	ug/l	99
5) Bromomethane	2.56	94	72380	16.56	ug/l	99
6) Chloroethane	2.70	64	78176	17.00	ug/l	99
7) Trichlorofluoromethane	3.01	101	179454	18.18	ug/l	100
8) Diethyl Ether	3.41	74	62803	17.30	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	115411	18.14	ug/l	99
10) Methyl Iodide	3.95	142	80073	17.57	ug/l	97
11) Tert butyl alcohol	4.79	59	33420	69.87	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	102540	17.08	ug/l	100
13) Acrolein	3.61	56	38571	83.93	ug/l	98
14) Allyl chloride	4.33	41	150663	16.47	ug/l	98
15) Acrylonitrile	4.99	53	175939	83.01	ug/l	99
16) Acetone	3.82	43	126060	77.39	ug/l	99
17) Carbon Disulfide	4.05	76	283003	16.08	ug/l	98
18) Methyl Acetate	4.33	43	90537	18.05	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	266074	16.77	ug/l	98
20) Methylene Chloride	4.55	84	123522	17.86	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	110792	17.02	ug/l	99
22) Diisopropyl ether	5.96	45	339857	18.72	ug/l	97
23) Vinyl Acetate	5.90	43	1030027	83.85	ug/l	100
24) 1,1-Dichloroethane	5.86	63	210811	18.30	ug/l	99
25) 2-Butanone	6.84	43	185620	75.39	ug/l	100
26) 2,2-Dichloropropane	6.83	77	164173	17.42	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	124010	17.36	ug/l	98
28) Bromochloromethane	7.20	49	95201	18.57	ug/l	99
29) Tetrahydrofuran	7.22	42	122071	79.40	ug/l	99
30) Chloroform	7.37	83	214943	18.76	ug/l	99
31) Cyclohexane	7.66	56	175436	16.93	ug/l #	90
32) 1,1,1-Trichloroethane	7.57	97	181063	18.55	ug/l	99
36) 1,1-Dichloropropene	7.80	75	157692	18.23	ug/l	99
37) Ethyl Acetate	6.93	43	86799	17.33	ug/l	98
38) Carbon Tetrachloride	7.78	117	161854	19.01	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	160110	16.78	ug/l	98
40) Benzene	8.04	78	486082	18.65	ug/l	99
41) Methacrylonitrile	7.17	41	40927	15.84	ug/l #	92
42) 1,2-Dichloroethane	8.13	62	143125	18.84	ug/l	100
43) Isopropyl Acetate	8.17	43	152357	17.24	ug/l #	87
44) Trichloroethene	8.84	130	129645	18.19	ug/l	98
45) 1,2-Dichloropropane	9.12	63	129579	19.24	ug/l	99
46) Dibromomethane	9.21	93	74096	18.03	ug/l	99
47) Bromodichloromethane	9.40	83	159983	19.15	ug/l	98
48) Methyl methacrylate	9.20	41	71765	16.66	ug/l	99
49) 1,4-Dioxane	9.20	88	20420	302.34	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	415730	85.06	ug/l	99
52) Toluene	10.16	92	303702	19.11	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	147321	17.62	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	179784	18.34	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	108930	18.87	ug/l	99
56) Ethyl methacrylate	10.43	69	117022	16.82	ug/l	100
57) 1,3-Dichloropropane	10.71	76	178293	18.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	236339	83.38	ug/l	99
59) 2-Hexanone	10.75	43	254840	76.88	ug/l	97
60) Dibromochloromethane	10.90	129	124139	19.08	ug/l	100
61) 1,2-Dibromoethane	11.01	107	101813	18.04	ug/l	99
64) Tetrachloroethene	10.63	164	120912	18.80	ug/l	98
65) Chlorobenzene	11.43	112	325543	18.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	125874	19.68	ug/l	99
67) Ethyl Benzene	11.51	91	520620	18.09	ug/l	99
68) m/p-Xylenes	11.62	106	417811	37.79	ug/l	99
69) o-Xylene	11.95	106	200240	18.71	ug/l	99
70) Styrene	11.96	104	310139	18.68	ug/l	98
71) Bromoform	12.13	173	83327	18.50	ug/l #	99
73) Isopropylbenzene	12.25	105	526862	19.40	ug/l	100
74) N-amyl acetate	12.07	43	103925	15.20	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	129478	19.82	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	146005	28.44	ug/l #	100
77) Bromobenzene	12.53	156	135610	18.59	ug/l	99
78) n-propylbenzene	12.59	91	569448	19.08	ug/l	100
79) 2-Chlorotoluene	12.67	91	357030	19.13	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	428760	19.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26455	15.51	ug/l	93
82) 4-Chlorotoluene	12.77	91	343653	18.55	ug/l	100
83) tert-Butylbenzene	12.99	119	372525	19.22	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	424913	19.68	ug/l	100
85) sec-Butylbenzene	13.17	105	480006	19.31	ug/l	100
86) p-Isopropyltoluene	13.29	119	404624	19.19	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	222219	17.96	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	210398	18.52	ug/l	99
89) n-Butylbenzene	13.62	91	279332	17.03	ug/l	97
90) Hexachloroethane	13.88	117	78353	20.05	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	216760	17.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16461	18.17	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	74735	15.78	ug/l	99
94) Hexachlorobutadiene	15.01	225	73317	19.80	ug/l	99
95) Naphthalene	15.13	128	126141	14.59	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	78210	16.17	ug/l	100

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

