

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050890.D
 Acq On : 27 Aug 2018 11:40
 Operator : MD\SY
 Sample : VN0827WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 12:20:22 PM

Quant Time: Aug 28 02:14:32 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	593168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	845644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	371474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	363972	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	7.59	113	345860	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.09	98	1289710	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.40	95	413556	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	168723	21.25	ug/l	99
3) Chloromethane	2.06	50	185357	18.93	ug/l	99
4) Vinyl Chloride	2.18	62	181532	19.57	ug/l	99
5) Bromomethane	2.57	94	102549	18.79	ug/l	100
6) Chloroethane	2.70	64	104443	19.49	ug/l	96
7) Trichlorofluoromethane	3.01	101	240907	20.28	ug/l	99
8) Diethyl Ether	3.41	74	79680	19.73	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	150610	20.30	ug/l	98
10) Methyl Iodide	3.95	142	111218	21.25	ug/l	99
11) Tert butyl alcohol	4.79	59	47154	103.70	ug/l	97
12) 1,1-Dichloroethene	3.73	96	132228	19.85	ug/l	98
13) Acrolein	3.61	56	25093	105.64	ug/l	96
14) Allyl chloride	4.33	41	202118	19.47	ug/l	99
15) Acrylonitrile	4.99	53	243829	105.51	ug/l	97
16) Acetone	3.82	43	174792	99.10	ug/l	100
17) Carbon Disulfide	4.05	76	400186	17.92	ug/l	100
18) Methyl Acetate	4.33	43	147352	21.85	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	344729	20.57	ug/l	100
20) Methylene Chloride	4.55	84	154610	19.21	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	140458	19.49	ug/l	98
22) Diisopropyl ether	5.96	45	437826	21.16	ug/l	99
23) Vinyl Acetate	5.90	43	1331238	99.92	ug/l	99
24) 1,1-Dichloroethane	5.85	63	267878	20.17	ug/l	99
25) 2-Butanone	6.84	43	262481	91.21	ug/l	99
26) 2,2-Dichloropropane	6.83	77	212949	19.95	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	155645	20.04	ug/l	99
28) Bromochloromethane	7.20	49	110122	19.51	ug/l	99
29) Tetrahydrofuran	7.22	42	171872	104.17	ug/l	99
30) Chloroform	7.37	83	263443	20.03	ug/l	99
31) Cyclohexane	7.65	56	229554	19.30	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	226290	20.03	ug/l	100
36) 1,1-Dichloropropene	7.80	75	197765	19.82	ug/l	99
37) Ethyl Acetate	6.93	43	117071	20.42	ug/l	100
38) Carbon Tetrachloride	7.78	117	199957	19.82	ug/l	98

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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	205543	19.04	ug/l	97
40) Benzene	8.04	78	612490	20.35	ug/l	100
41) Methacrylonitrile	7.18	41	60437m	19.48	ug/l	
42) 1,2-Dichloroethane	8.13	62	182662	20.30	ug/l	100
43) Isopropyl Acetate	8.17	43	204315	20.73	ug/l	98
44) Trichloroethene	8.84	130	157890	19.89	ug/l	100
45) 1,2-Dichloropropane	9.12	63	162539	20.55	ug/l	99
46) Dibromomethane	9.21	93	93888	20.20	ug/l	98
47) Bromodichloromethane	9.40	83	200386	20.59	ug/l	98
48) Methyl methacrylate	9.20	41	101972	20.30	ug/l	99
49) 1,4-Dioxane	9.20	88	29081	424.70	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	580347	98.67	ug/l	100
52) Toluene	10.16	92	369850	20.75	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	189508	19.56	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	224393	20.23	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	137779	20.82	ug/l	98
56) Ethyl methacrylate	10.43	69	150925	19.06	ug/l	99
57) 1,3-Dichloropropane	10.71	76	223542	20.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	315066	92.01	ug/l	99
59) 2-Hexanone	10.75	43	375308	95.85	ug/l	99
60) Dibromochloromethane	10.90	129	151958	20.51	ug/l	100
61) 1,2-Dibromoethane	11.01	107	130297	20.37	ug/l	99
64) Tetrachloroethene	10.63	164	144464	19.79	ug/l	99
65) Chlorobenzene	11.43	112	396577	19.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	149547	20.35	ug/l	98
67) Ethyl Benzene	11.51	91	653721	20.02	ug/l	100
68) m/p-Xylenes	11.62	106	512485	41.34	ug/l	99
69) o-Xylene	11.95	106	242771	20.37	ug/l	100
70) Styrene	11.96	104	377492	18.79	ug/l	98
71) Bromoform	12.13	173	103441	20.47	ug/l #	99
73) Isopropylbenzene	12.25	105	640316	20.82	ug/l	100
74) N-amyl acetate	12.07	43	153354	19.84	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	169083	22.15	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	145246m	22.32	ug/l	
77) Bromobenzene	12.53	156	166855	19.96	ug/l	100
78) n-propylbenzene	12.59	91	718799	20.92	ug/l	100
79) 2-Chlorotoluene	12.67	91	439895	20.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	532466	21.45	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38129	19.81	ug/l	98
82) 4-Chlorotoluene	12.77	91	441316	20.89	ug/l	100
83) tert-Butylbenzene	12.99	119	449245	20.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	539313	21.60	ug/l	99
85) sec-Butylbenzene	13.17	105	596160	21.17	ug/l	99
86) p-Isopropyltoluene	13.29	119	502900	20.95	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	280804	19.79	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	271689	19.46	ug/l	100
89) n-Butylbenzene	13.62	91	368200	19.18	ug/l	99
90) Hexachloroethane	13.87	117	97233	21.36	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	276079	20.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21661	19.61	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	103464	17.43	ug/l	99
94) Hexachlorobutadiene	15.01	225	85565	20.43	ug/l	99
95) Naphthalene	15.13	128	189547	16.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	108574	18.49	ug/l	98

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

