

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051115.D
 Acq On : 11 Sep 2018 10:16
 Operator : MD\SY
 Sample : VN0911WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 10:06:45 AM

Quant Time: Sep 12 01:34:16 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	635031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	925960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	824803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	365419	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
35) Dibromofluoromethane	7.59	113	353786	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.09	98	1338767	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	431391	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	114271	18.66	ug/l	100
3) Chloromethane	2.06	50	156751	19.49	ug/l	99
4) Vinyl Chloride	2.18	62	158570	18.86	ug/l	99
5) Bromomethane	2.56	94	94191	19.25	ug/l	93
6) Chloroethane	2.70	64	96448	18.59	ug/l	98
7) Trichlorofluoromethane	3.01	101	213163	19.14	ug/l	99
8) Diethyl Ether	3.41	74	80499	19.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	136285	18.98	ug/l	99
10) Methyl Iodide	3.95	142	109120	20.05	ug/l	99
11) Tert butyl alcohol	4.79	59	51304	95.05	ug/l	99
12) 1,1-Dichloroethene	3.73	96	128944	19.04	ug/l	98
13) Acrolein	3.61	56	65872	114.55	ug/l	100
14) Allyl chloride	4.32	41	194751	18.87	ug/l	99
15) Acrylonitrile	4.99	53	232253	97.10	ug/l	99
16) Acetone	3.82	43	176881	97.67	ug/l	99
17) Carbon Disulfide	4.05	76	370766	18.64	ug/l	99
18) Methyl Acetate	4.33	43	108558	19.18	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	357514	19.97	ug/l	100
20) Methylene Chloride	4.55	84	147722	18.92	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	135729	18.47	ug/l	99
22) Diisopropyl ether	5.96	45	416746	20.34	ug/l	99
23) Vinyl Acetate	5.90	43	1377138	99.34	ug/l	100
24) 1,1-Dichloroethane	5.85	63	253479	19.50	ug/l	99
25) 2-Butanone	6.84	43	260272	93.67	ug/l	100
26) 2,2-Dichloropropane	6.82	77	198638	18.67	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	153527	19.05	ug/l	100
28) Bromochloromethane	7.20	49	116288	20.10	ug/l	99
29) Tetrahydrofuran	7.22	42	175575	101.19	ug/l	99
30) Chloroform	7.37	83	252210	19.51	ug/l	99
31) Cyclohexane	7.65	56	226381	19.39	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	215984	19.60	ug/l	99
36) 1,1-Dichloropropene	7.79	75	190534	18.74	ug/l	100
37) Ethyl Acetate	6.93	43	121332	20.61	ug/l	100
38) Carbon Tetrachloride	7.78	117	191004	19.09	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203933	18.18	ug/l	98
40) Benzene	8.04	78	592087	19.33	ug/l	99
41) Methacrylonitrile	7.18	41	56281m	18.53	ug/l	
42) 1,2-Dichloroethane	8.13	62	174574	19.55	ug/l	100
43) Isopropyl Acetate	8.17	43	209881	20.20	ug/l #	89
44) Trichloroethene	8.84	130	153751	18.35	ug/l	98
45) 1,2-Dichloropropane	9.12	63	153995	19.45	ug/l	100
46) Dibromomethane	9.21	93	90110	18.66	ug/l	100
47) Bromodichloromethane	9.40	83	187779	19.12	ug/l	96
48) Methyl methacrylate	9.20	41	99505	19.65	ug/l	98
49) 1,4-Dioxane	9.20	88	30447	383.51	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	580033	100.96	ug/l	99
52) Toluene	10.16	92	363573	19.46	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	183466	18.67	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	221402	19.21	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	131728	19.41	ug/l	98
56) Ethyl methacrylate	10.43	69	161764	19.35	ug/l	98
57) 1,3-Dichloropropane	10.71	76	220256	19.58	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	323045	94.48	ug/l	99
59) 2-Hexanone	10.75	43	369584	94.86	ug/l	98
60) Dibromochloromethane	10.90	129	146830	19.20	ug/l	100
61) 1,2-Dibromoethane	11.01	107	127894	19.28	ug/l	99
64) Tetrachloroethene	10.63	164	142990	19.00	ug/l	98
65) Chlorobenzene	11.43	112	395640	19.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	146131	19.52	ug/l	99
67) Ethyl Benzene	11.51	91	642656	19.09	ug/l	100
68) m/p-Xylenes	11.62	106	507124	39.20	ug/l	100
69) o-Xylene	11.95	106	244872	19.55	ug/l	99
70) Styrene	11.96	104	388258	19.98	ug/l	100
71) Bromoform	12.13	173	102365	19.42	ug/l #	99
73) Isopropylbenzene	12.25	105	644697	19.74	ug/l	100
74) N-amyl acetate	12.07	43	154400	18.79	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	165257	21.14	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	140750m	22.49	ug/l	
77) Bromobenzene	12.53	156	167161	19.06	ug/l	99
78) n-propylbenzene	12.59	91	697140	19.42	ug/l	100
79) 2-Chlorotoluene	12.67	91	435625	19.42	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	525580	19.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	38651	18.85	ug/l	96
82) 4-Chlorotoluene	12.77	91	423641	19.02	ug/l	100
83) tert-Butylbenzene	12.99	119	445054	19.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	525625	20.25	ug/l	100
85) sec-Butylbenzene	13.17	105	579865	19.40	ug/l	99
86) p-Isopropyltoluene	13.29	119	496401	19.58	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	274813	18.47	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	262161	19.19	ug/l	98
89) n-Butylbenzene	13.62	91	355665	18.03	ug/l	98
90) Hexachloroethane	13.87	117	92291	19.62	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	273112	18.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22573	20.63	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	95690	16.55	ug/l	100
94) Hexachlorobutadiene	15.01	225	85841	19.23	ug/l	99
95) Naphthalene	15.13	128	189655	16.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	101238	17.18	ug/l	100

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

