

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050956.D
 Acq On : 30 Aug 2018 12:32
 Operator : MD\SY
 Sample : VN0830WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2018 11:32:22 AM

Quant Time: Aug 31 03:47:15 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	569003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	826333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	745795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	362258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	349488	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	7.59	113	334379	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.09	98	1229025	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	398483	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	144044	18.92	ug/l	99
3) Chloromethane	2.06	50	164264	17.49	ug/l	100
4) Vinyl Chloride	2.18	62	165286	18.58	ug/l	98
5) Bromomethane	2.56	94	92560	17.61	ug/l	99
6) Chloroethane	2.70	64	94989	18.48	ug/l	98
7) Trichlorofluoromethane	3.01	101	218021	19.14	ug/l	99
8) Diethyl Ether	3.41	74	75029	19.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	134349	18.88	ug/l	99
10) Methyl Iodide	3.95	142	99885	20.30	ug/l	100
11) Tert butyl alcohol	4.79	59	49264	112.94	ug/l	99
12) 1,1-Dichloroethene	3.73	96	119629	18.72	ug/l	98
13) Acrolein	3.61	56	14844	72.01	ug/l	99
14) Allyl chloride	4.32	41	182243	18.30	ug/l	99
15) Acrylonitrile	5.00	53	235243	106.12	ug/l	99
16) Acetone	3.82	43	168773	99.80	ug/l	98
17) Carbon Disulfide	4.05	76	347250	16.21	ug/l	100
18) Methyl Acetate	4.33	43	149359	23.09	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	331104	20.60	ug/l	99
20) Methylene Chloride	4.55	84	144038	18.66	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	127912	18.51	ug/l	95
22) Diisopropyl ether	5.96	45	405054	20.41	ug/l	97
23) Vinyl Acetate	5.90	43	1234412	96.58	ug/l	100
24) 1,1-Dichloroethane	5.85	63	244122	19.16	ug/l	99
25) 2-Butanone	6.84	43	253675	91.89	ug/l	100
26) 2,2-Dichloropropane	6.83	77	187870	18.35	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	143859	19.30	ug/l	99
28) Bromochloromethane	7.20	49	103302	19.08	ug/l	98
29) Tetrahydrofuran	7.22	42	170138	107.50	ug/l	98
30) Chloroform	7.37	83	248874	19.73	ug/l	98
31) Cyclohexane	7.66	56	206090	18.10	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	206244	19.03	ug/l	99
36) 1,1-Dichloropropene	7.80	75	177770	18.23	ug/l	99
37) Ethyl Acetate	6.93	43	113924	20.34	ug/l	98
38) Carbon Tetrachloride	7.77	117	185097	18.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	182020	17.25	ug/l	97
40) Benzene	8.04	78	562913	19.14	ug/l	100
41) Methacrylonitrile	7.18	41	59304	19.56	ug/l	97
42) 1,2-Dichloroethane	8.13	62	170313	19.37	ug/l	100
43) Isopropyl Acetate	8.17	43	201821	20.96	ug/l	99
44) Trichloroethene	8.84	130	143639	18.52	ug/l	100
45) 1,2-Dichloropropane	9.12	63	148036	19.16	ug/l	100
46) Dibromomethane	9.21	93	88984	19.60	ug/l	98
47) Bromodichloromethane	9.40	83	185946	19.55	ug/l	100
48) Methyl methacrylate	9.20	41	100801	20.54	ug/l	99
49) 1,4-Dioxane	9.20	88	29209	436.54	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	587126	102.16	ug/l	100
52) Toluene	10.16	92	345962	19.86	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	177033	18.70	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	208711	19.25	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	128788	19.92	ug/l	99
56) Ethyl methacrylate	10.43	69	146302	18.93	ug/l	99
57) 1,3-Dichloropropane	10.71	76	213222	19.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	311182	92.87	ug/l	99
59) 2-Hexanone	10.75	43	376754	98.47	ug/l	98
60) Dibromochloromethane	10.90	129	145301	20.07	ug/l	99
61) 1,2-Dibromoethane	11.01	107	123765	19.80	ug/l	99
64) Tetrachloroethene	10.63	164	131250	18.53	ug/l	98
65) Chlorobenzene	11.44	112	373709	19.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	141094	19.78	ug/l	100
67) Ethyl Benzene	11.51	91	600618	18.95	ug/l	99
68) m/p-Xylenes	11.62	106	480942	39.98	ug/l	99
69) o-Xylene	11.95	106	227213	19.65	ug/l	100
70) Styrene	11.96	104	362435	18.60	ug/l	99
71) Bromoform	12.13	173	101422	20.68	ug/l #	98
73) Isopropylbenzene	12.25	105	603907	20.13	ug/l	100
74) N-amyl acetate	12.07	43	149291	19.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	163534	21.95	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	132979m	20.96	ug/l	
77) Bromobenzene	12.53	156	156743	19.23	ug/l	99
78) n-propylbenzene	12.59	91	667085	19.91	ug/l	100
79) 2-Chlorotoluene	12.68	91	414783	19.87	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	491096	20.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	38095	20.30	ug/l	98
82) 4-Chlorotoluene	12.77	91	407996	19.80	ug/l	99
83) tert-Butylbenzene	12.99	119	420461	20.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	497420	20.43	ug/l	99
85) sec-Butylbenzene	13.17	105	551687	20.09	ug/l	100
86) p-Isopropyltoluene	13.29	119	474333	20.27	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	257285	18.60	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	253747	18.64	ug/l	99
89) n-Butylbenzene	13.62	91	342155	18.28	ug/l	99
90) Hexachloroethane	13.88	117	91211	20.56	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	264336	19.80	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22179	20.59	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	97781	17.02	ug/l	99
94) Hexachlorobutadiene	15.01	225	80762	19.74	ug/l	99
95) Naphthalene	15.14	128	189457	17.08	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	102380	17.99	ug/l	99

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

