

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050922.D
 Acq On : 28 Aug 2018 19:03
 Operator : MD\SY
 Sample : VN0828WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/29/2018 11:10:41 AM

Quant Time: Aug 29 05:02:34 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	583983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	362449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	371320	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.59	113	345705	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.09	98	1301025	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	414487	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	155938	19.95	ug/l	99
3) Chloromethane	2.06	50	178140	18.48	ug/l	99
4) Vinyl Chloride	2.18	62	179173	19.62	ug/l	99
5) Bromomethane	2.56	94	98942	18.39	ug/l	99
6) Chloroethane	2.70	64	102697	19.47	ug/l	98
7) Trichlorofluoromethane	3.01	101	233304	19.95	ug/l	98
8) Diethyl Ether	3.41	74	82512	20.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142415	19.50	ug/l	99
10) Methyl Iodide	3.95	142	115510	22.07	ug/l	100
11) Tert butyl alcohol	4.80	59	56089	125.29	ug/l	98
12) 1,1-Dichloroethene	3.73	96	131865	20.10	ug/l	99
13) Acrolein	3.61	56	21436	94.04	ug/l	99
14) Allyl chloride	4.33	41	200967	19.66	ug/l	99
15) Acrylonitrile	5.00	53	260691	114.58	ug/l	99
16) Acetone	3.82	43	178884	103.31	ug/l	100
17) Carbon Disulfide	4.05	76	389062	17.69	ug/l	99
18) Methyl Acetate	4.33	43	162660	24.50	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	367920	22.30	ug/l	100
20) Methylene Chloride	4.55	84	153525	19.38	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	138952	19.59	ug/l	97
22) Diisopropyl ether	5.96	45	440697	21.64	ug/l	99
23) Vinyl Acetate	5.90	43	1381492	105.32	ug/l	100
24) 1,1-Dichloroethane	5.85	63	263388	20.14	ug/l	99
25) 2-Butanone	6.84	43	283200	99.96	ug/l	99
26) 2,2-Dichloropropane	6.83	77	184143	17.53	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	155353	20.31	ug/l	98
28) Bromochloromethane	7.20	49	108099	19.45	ug/l	97
29) Tetrahydrofuran	7.22	42	192962	118.79	ug/l	98
30) Chloroform	7.37	83	265848	20.53	ug/l	99
31) Cyclohexane	7.66	56	223820	19.12	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	224002	20.14	ug/l	99
36) 1,1-Dichloropropene	7.80	75	197752	19.43	ug/l	99
37) Ethyl Acetate	6.94	43	126473	21.63	ug/l	99
38) Carbon Tetrachloride	7.78	117	199653	19.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	200961	18.25	ug/l	99
40) Benzene	8.04	78	606816	19.77	ug/l	99
41) Methacrylonitrile	7.17	41	59476	18.80	ug/l	90
42) 1,2-Dichloroethane	8.13	62	184406	20.10	ug/l	99
43) Isopropyl Acetate	8.17	43	227738	22.66	ug/l	99
44) Trichloroethene	8.84	130	158218	19.55	ug/l	100
45) 1,2-Dichloropropane	9.12	63	162018	20.09	ug/l	100
46) Dibromomethane	9.21	93	96281	20.32	ug/l	99
47) Bromodichloromethane	9.41	83	199189	20.07	ug/l	97
48) Methyl methacrylate	9.20	41	111963	21.86	ug/l	99
49) 1,4-Dioxane	9.20	88	32745	468.91	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	660569	110.13	ug/l	99
52) Toluene	10.16	92	370378	20.37	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	191041	19.34	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	221642	19.59	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	140176	20.77	ug/l	98
56) Ethyl methacrylate	10.43	69	163262	20.08	ug/l	100
57) 1,3-Dichloropropane	10.71	76	230645	20.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	338725	96.34	ug/l	99
59) 2-Hexanone	10.75	43	417102	104.45	ug/l	99
60) Dibromochloromethane	10.90	129	151282	20.02	ug/l	97
61) 1,2-Dibromoethane	11.01	107	135359	20.75	ug/l	99
64) Tetrachloroethene	10.63	164	145106	19.84	ug/l	98
65) Chlorobenzene	11.44	112	392928	19.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	150720	20.47	ug/l	99
67) Ethyl Benzene	11.51	91	658163	20.11	ug/l	100
68) m/p-Xylenes	11.62	106	509422	41.02	ug/l	99
69) o-Xylene	11.95	106	246665	20.66	ug/l	99
70) Styrene	11.97	104	384700	19.09	ug/l	99
71) Bromoform	12.13	173	107797	21.29	ug/l #	100
73) Isopropylbenzene	12.25	105	651390	21.70	ug/l	99
74) N-amyl acetate	12.07	43	167506	22.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	180284	24.36	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	152651m	24.05	ug/l	
77) Bromobenzene	12.53	156	168826	20.70	ug/l	99
78) n-propylbenzene	12.59	91	717094	21.39	ug/l	100
79) 2-Chlorotoluene	12.67	91	440979	21.12	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	532281	21.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	38617	20.56	ug/l	95
82) 4-Chlorotoluene	12.77	91	433047	21.00	ug/l	100
83) tert-Butylbenzene	12.99	119	461995	22.03	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	528655	21.70	ug/l	100
85) sec-Butylbenzene	13.17	105	597183	21.73	ug/l	100
86) p-Isopropyltoluene	13.29	119	508413	21.71	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	276667	19.99	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268638	19.72	ug/l	99
89) n-Butylbenzene	13.62	91	367360	19.62	ug/l	100
90) Hexachloroethane	13.88	117	96438	21.71	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	274075	20.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24093	22.35	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	106976	18.22	ug/l	99
94) Hexachlorobutadiene	15.01	225	84028	20.57	ug/l	99
95) Naphthalene	15.14	128	212941	18.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	112337	19.41	ug/l	100

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

