

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050566.D
 Acq On : 13 Aug 2018 14:19
 Operator : MD\SY
 Sample : VN0813WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:51:01 PM

Quant Time: Aug 14 01:43:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	603849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	934311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	409971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	411071	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.59	113	374810	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1309274	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	12.40	95	424770	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	105077	15.68	ug/l	99
3) Chloromethane	2.06	50	151271	18.17	ug/l	98
4) Vinyl Chloride	2.18	62	148158	17.08	ug/l	99
5) Bromomethane	2.56	94	94790	22.63	ug/l	98
6) Chloroethane	2.70	64	97400	18.22	ug/l	99
7) Trichlorofluoromethane	3.01	101	190496	17.00	ug/l	97
8) Diethyl Ether	3.41	74	82994	20.20	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	120945	17.47	ug/l	99
10) Methyl Iodide	3.95	142	72596	23.79	ug/l	99
11) Tert butyl alcohol	4.79	59	47866m	73.85	ug/l	
12) 1,1-Dichloroethene	3.73	96	112400	17.22	ug/l	98
13) Acrolein	3.61	56	33979	52.90	ug/l	99
14) Allyl chloride	4.32	41	196359	18.73	ug/l	97
15) Acrylonitrile	4.99	53	243722	89.77	ug/l	98
16) Acetone	3.82	43	213870	88.66	ug/l	97
17) Carbon Disulfide	4.05	76	326330	15.37	ug/l	99
18) Methyl Acetate	4.33	43	131169	20.87	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	361698	19.52	ug/l	100
20) Methylene Chloride	4.55	84	154317	20.04	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	132741	18.79	ug/l	99
22) Diisopropyl ether	5.96	45	459854	21.47	ug/l	99
23) Vinyl Acetate	5.90	43	1482880	97.04	ug/l	99
24) 1,1-Dichloroethane	5.85	63	262866	20.00	ug/l	99
25) 2-Butanone	6.84	43	340921	85.27	ug/l	97
26) 2,2-Dichloropropane	6.83	77	187354	17.29	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	156840	20.03	ug/l	100
28) Bromochloromethane	7.20	49	122966	20.33	ug/l	97
29) Tetrahydrofuran	7.22	42	180826	84.50	ug/l	98
30) Chloroform	7.37	83	270344	20.58	ug/l	99
31) Cyclohexane	7.66	56	189673	15.97	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	210172	18.63	ug/l	99
36) 1,1-Dichloropropene	7.79	75	175836	17.13	ug/l	100
37) Ethyl Acetate	6.93	43	126738	17.14	ug/l	98
38) Carbon Tetrachloride	7.78	117	178845	16.70	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	167883	14.98	ug/l	97
40) Benzene	8.04	78	599613	19.00	ug/l	99
41) Methacrylonitrile	7.18	41	65925	16.77	ug/l	84
42) 1,2-Dichloroethane	8.13	62	194686	19.43	ug/l	99
43) Isopropyl Acetate	8.17	43	220572	17.28	ug/l #	85
44) Trichloroethene	8.84	130	150473	17.74	ug/l	100
45) 1,2-Dichloropropane	9.12	63	165058	19.89	ug/l	98
46) Dibromomethane	9.21	93	97996	19.13	ug/l	99
47) Bromodichloromethane	9.40	83	204940	19.31	ug/l	100
48) Methyl methacrylate	9.20	41	107018	16.73	ug/l	99
49) 1,4-Dioxane	9.20	88	28675	290.84	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	776245	84.46	ug/l	100
52) Toluene	10.16	92	356656	18.81	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	195969	18.39	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	233931	19.67	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	140924	19.04	ug/l	99
56) Ethyl methacrylate	10.43	69	162596	16.70	ug/l	98
57) 1,3-Dichloropropane	10.71	76	233613	19.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	386509	84.22	ug/l	99
59) 2-Hexanone	10.75	43	491685	76.65	ug/l	99
60) Dibromochloromethane	10.90	129	152319	18.68	ug/l	97
61) 1,2-Dibromoethane	11.01	107	133714	18.33	ug/l	99
64) Tetrachloroethene	10.63	164	138437	17.32	ug/l	99
65) Chlorobenzene	11.44	112	390451	18.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153414	19.66	ug/l	99
67) Ethyl Benzene	11.51	91	616352	17.78	ug/l	100
68) m/p-Xylenes	11.62	106	480507	36.42	ug/l	99
69) o-Xylene	11.95	106	236045	18.57	ug/l	100
70) Styrene	11.96	104	382475	18.51	ug/l	100
71) Bromoform	12.13	173	100104	17.55	ug/l #	98
73) Isopropylbenzene	12.25	105	591906	19.23	ug/l	100
74) N-amyl acetate	12.07	43	170274	17.07	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	167254	18.84	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	135302m	18.23	ug/l	
77) Bromobenzene	12.53	156	165989	20.13	ug/l	98
78) n-propylbenzene	12.59	91	656824	18.86	ug/l	100
79) 2-Chlorotoluene	12.68	91	424185	19.72	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	489714	19.60	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	35572	16.84	ug/l	96
82) 4-Chlorotoluene	12.77	91	427346	19.92	ug/l	99
83) tert-Butylbenzene	12.99	119	399422	18.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	505294	19.97	ug/l	99
85) sec-Butylbenzene	13.17	105	517443	17.81	ug/l	99
86) p-Isopropyltoluene	13.29	119	453470	18.22	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	274298	18.68	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	270191	18.43	ug/l	99
89) n-Butylbenzene	13.62	91	341841	16.13	ug/l	99
90) Hexachloroethane	13.88	117	82010	18.53	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	274840	18.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22236	14.75	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	121735	16.24	ug/l	99
94) Hexachlorobutadiene	15.01	225	74904	17.21	ug/l	98
95) Naphthalene	15.13	128	244220	15.03	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	119049	15.71	ug/l	99

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

