

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050507.D
 Acq On : 10 Aug 2018 10:36
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Aug 10 23:28:45 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	7.66	168	705591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	922306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	476935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	446123	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.59	113	407792	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	1490084	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.40	95	510130	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	348269	44.47	ug/l	100
3) Chloromethane	2.06	50	415490	44.74	ug/l	100
4) Vinyl Chloride	2.18	62	449454	44.33	ug/l	99
5) Bromomethane	2.56	94	245296	49.90	ug/l	100
6) Chloroethane	2.70	64	282122	45.16	ug/l	100
7) Trichlorofluoromethane	3.01	101	611052	46.67	ug/l	100
8) Diethyl Ether	3.41	74	227703	47.42	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	389922	48.19	ug/l	99
10) Methyl Iodide	3.95	142	206806	58.01	ug/l	99
11) Tert butyl alcohol	4.79	59	135915	179.47	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	345818	45.33	ug/l	97
13) Acrolein	3.61	56	108207	118.24	ug/l	96
14) Allyl chloride	4.32	41	562563	45.92	ug/l	98
15) Acrylonitrile	4.99	53	676798	213.35	ug/l	100
16) Acetone	3.82	43	595444	211.74	ug/l	98
17) Carbon Disulfide	4.05	76	1016993	41.00	ug/l	100
18) Methyl Acetate	4.32	43	333956	45.70	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1052588	48.62	ug/l	99
20) Methylene Chloride	4.55	84	417797	48.55	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	385073	46.65	ug/l	98
22) Diisopropyl ether	5.95	45	1258568	50.29	ug/l	98
23) Vinyl Acetate	5.90	43	4280275	239.72	ug/l	100
24) 1,1-Dichloroethane	5.85	63	731439	47.63	ug/l	99
25) 2-Butanone	6.84	43	1007618	215.69	ug/l	99
26) 2,2-Dichloropropane	6.82	77	598151	47.25	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	446931	48.85	ug/l	99
28) Bromochloromethane	7.19	49	343788	48.64	ug/l	97
29) Tetrahydrofuran	7.21	42	504378	201.71	ug/l	99
30) Chloroform	7.37	83	750959	48.92	ug/l	100
31) Cyclohexane	7.65	56	620824	45.89	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	624039	47.34	ug/l	99
36) 1,1-Dichloropropene	7.79	75	553930	50.41	ug/l	100
37) Ethyl Acetate	6.93	43	357583	45.19	ug/l	99
38) Carbon Tetrachloride	7.77	117	558237	48.70	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	596467	49.73	ug/l	97
40) Benzene	8.04	78	1689772	50.02	ug/l	100
41) Methacrylonitrile	7.17	41	179171	42.58	ug/l	85
42) 1,2-Dichloroethane	8.12	62	540959	50.44	ug/l	99
43) Isopropyl Acetate	8.16	43	623199	45.62	ug/l #	85
44) Trichloroethene	8.83	130	445923	49.13	ug/l	100
45) 1,2-Dichloropropane	9.12	63	451149	50.80	ug/l	98
46) Dibromomethane	9.21	93	274151	49.99	ug/l	98
47) Bromodichloromethane	9.40	83	584180	51.43	ug/l	100
48) Methyl methacrylate	9.20	41	309120	45.15	ug/l	96
49) 1,4-Dioxane	9.20	88	83643	792.61	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2199149	223.55	ug/l	99
52) Toluene	10.16	92	1042789	51.39	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	590190	51.75	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	675485	53.07	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	395252	49.89	ug/l	99
56) Ethyl methacrylate	10.43	69	502379	44.99	ug/l	97
57) 1,3-Dichloropropane	10.71	76	656715	50.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1155153	221.93	ug/l	99
59) 2-Hexanone	10.75	43	1513329	220.43	ug/l	98
60) Dibromochloromethane	10.90	129	447821	51.31	ug/l	99
61) 1,2-Dibromoethane	11.00	107	386960	49.56	ug/l	99
64) Tetrachloroethene	10.63	164	423942	49.19	ug/l	100
65) Chlorobenzene	11.43	112	1139762	49.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	434862	51.67	ug/l	99
67) Ethyl Benzene	11.51	91	1940818	51.93	ug/l	99
68) m/p-Xylenes	11.62	106	1509218	106.07	ug/l	99
69) o-Xylene	11.95	106	722159	52.69	ug/l	99
70) Styrene	11.96	104	1200514	53.86	ug/l	99
71) Bromoform	12.13	173	305713	49.71	ug/l #	99
73) Isopropylbenzene	12.25	105	1903551	53.17	ug/l	99
74) N-amyl acetate	12.07	43	535601	46.15	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	483236	46.78	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	380196m	44.04	ug/l	
77) Bromobenzene	12.53	156	498185	51.94	ug/l	97
78) n-propylbenzene	12.59	91	2177014	53.72	ug/l	99
79) 2-Chlorotoluene	12.67	91	1296399	51.80	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1574109	54.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	123359	50.21	ug/l	98
82) 4-Chlorotoluene	12.77	91	1333225	53.42	ug/l	99
83) tert-Butylbenzene	12.99	119	1319896	52.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1606746	54.58	ug/l	99
85) sec-Butylbenzene	13.17	105	1763376	52.18	ug/l	100
86) p-Isopropyltoluene	13.29	119	1565337	54.05	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	879362	51.48	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	854596	50.10	ug/l	99
89) n-Butylbenzene	13.62	91	1275413	51.73	ug/l	99
90) Hexachloroethane	13.88	117	260046	50.50	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	848969	49.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69320	39.53	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	441948	50.67	ug/l	98
94) Hexachlorobutadiene	15.01	225	263901	55.57	ug/l	99
95) Naphthalene	15.14	128	944277	41.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	427065	48.43	ug/l	99

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

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