

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055360.D
 Acq On : 2 May 2019 19:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:10:32 PM

Quant Time: May 03 05:15:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	391433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	638252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	263135	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	206026	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.09	98	742182	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.40	95	254724	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	218888	45.641	ug/l	98
3) Chloromethane	2.06	50	242784	40.883	ug/l	98
4) Vinyl Chloride	2.19	62	225100	47.024	ug/l	99
5) Bromomethane	2.56	94	118308	46.659	ug/l	99
6) Chloroethane	2.70	64	117837	45.440	ug/l	95
7) Trichlorofluoromethane	3.02	101	321623	47.250	ug/l	97
8) Diethyl Ether	3.41	74	125071	52.518	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	189919	46.854	ug/l	99
10) Methyl Iodide	3.96	142	265797	46.595	ug/l	99
11) Tert butyl alcohol	4.79	59	93648	319.420	ug/l	99
12) 1,1-Dichloroethene	3.74	96	183338	47.414	ug/l	97
13) Acrolein	3.61	56	44414	193.978	ug/l	100
14) Allyl chloride	4.33	41	391319	48.864	ug/l	100
15) Acrylonitrile	4.99	53	461996	280.347	ug/l	100
16) Acetone	3.82	43	374915	234.970	ug/l	99
17) Carbon Disulfide	4.06	76	413628	40.990	ug/l	100
18) Methyl Acetate	4.33	43	236569	61.093	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	608571	55.985	ug/l	100
20) Methylene Chloride	4.55	84	218725	44.910	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	193750	47.312	ug/l	98
22) Diisopropyl ether	5.96	45	830162	52.173	ug/l	99
23) Vinyl Acetate	5.90	43	2983418	286.082	ug/l	100
24) 1,1-Dichloroethane	5.85	63	416863	49.170	ug/l	100
25) 2-Butanone	6.84	43	580382	284.425	ug/l	98
26) 2,2-Dichloropropane	6.83	77	270187	46.151	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	234709	50.400	ug/l	100
28) Bromochloromethane	7.20	49	208312	48.746	ug/l	99
29) Tetrahydrofuran	7.21	42	389315	297.956	ug/l	99
30) Chloroform	7.37	83	390976	48.649	ug/l	100
31) Cyclohexane	7.66	56	364830	45.293	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	316424	48.512	ug/l	99
36) 1,1-Dichloropropene	7.80	75	291060	47.610	ug/l	99
37) Ethyl Acetate	6.93	43	255679	54.569	ug/l	98
38) Carbon Tetrachloride	7.78	117	260621	44.193	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	302776	46.581	ug/l	97
40) Benzene	8.04	78	868149	48.171	ug/l	100
41) Methacrylonitrile	7.18	41	135025	53.199	ug/l	94
42) 1,2-Dichloroethane	8.13	62	310796	48.691	ug/l	100
43) Isopropyl Acetate	8.17	43	453741	60.259	ug/l	98
44) Trichloroethene	8.84	130	217840	47.415	ug/l	98
45) 1,2-Dichloropropane	9.12	63	257651	49.569	ug/l	99
46) Dibromomethane	9.21	93	139416	49.070	ug/l	99
47) Bromodichloromethane	9.40	83	294973	48.394	ug/l	97
48) Methyl methacrylate	9.20	41	210130	56.766	ug/l	99
49) 1,4-Dioxane	9.20	88	46577	1217.209	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1236409	291.647	ug/l	99
52) Toluene	10.16	92	502968	48.640	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	287204	54.279	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	343504	52.068	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	197744	51.498	ug/l	98
56) Ethyl methacrylate	10.43	69	276396	58.481	ug/l	99
57) 1,3-Dichloropropane	10.71	76	344278	51.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	397815	270.162	ug/l	99
59) 2-Hexanone	10.75	43	789808	297.756	ug/l	99
60) Dibromochloromethane	10.90	129	203258	51.792	ug/l	100
61) 1,2-Dibromoethane	11.01	107	189995	53.532	ug/l	100
64) Tetrachloroethene	10.63	164	204470	46.049	ug/l	98
65) Chlorobenzene	11.43	112	514504	48.465	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	199238	47.930	ug/l	99
67) Ethyl Benzene	11.51	91	959721	50.063	ug/l	100
68) m/p-Xylenes	11.62	106	695209	101.599	ug/l	99
69) o-Xylene	11.95	106	341786	50.394	ug/l	99
70) Styrene	11.96	104	562932	54.058	ug/l	99
71) Bromoform	12.13	173	126058	54.651	ug/l #	97
73) Isopropylbenzene	12.25	105	923370	50.589	ug/l	100
74) N-amyl acetate	12.07	43	418635	71.059	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	238656	52.639	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	202510m	47.326	ug/l	
77) Bromobenzene	12.53	156	220618	50.397	ug/l	99
78) n-propylbenzene	12.59	91	1042158	44.196	ug/l	100
79) 2-Chlorotoluene	12.67	91	635758	51.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	821282	45.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	58158	48.011	ug/l	88
82) 4-Chlorotoluene	12.77	91	607661	44.321	ug/l	99
83) tert-Butylbenzene	12.99	119	644528	50.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	926857	57.586	ug/l	99
85) sec-Butylbenzene	13.17	105	844045	43.150	ug/l	99
86) p-Isopropyltoluene	13.29	119	755836	47.013	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	362357	47.172	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	356728	49.313	ug/l	99
89) n-Butylbenzene	13.61	91	625773	54.776	ug/l	98
90) Hexachloroethane	13.87	117	116219	45.513	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	363191	47.704	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38787	64.224	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	157369	52.270	ug/l	97
94) Hexachlorobutadiene	15.01	225	123563	54.169	ug/l	98
95) Naphthalene	15.13	128	369828	57.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	159284	53.684	ug/l	99

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

