

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057827.D
 Acq On : 10 Sep 2019 1:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 5:16:20 AM

Quant Time: Sep 10 08:11:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	323756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	528035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	332600	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.58	113	243023	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.09	98	988397	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.40	95	351926	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	214731	47.959	ug/l	98
3) Chloromethane	2.03	50	204654	44.846	ug/l	99
4) Vinyl Chloride	2.16	62	225755	46.742	ug/l	99
5) Bromomethane	2.53	94	128324	48.298	ug/l	98
6) Chloroethane	2.67	64	144089	46.818	ug/l	99
7) Trichlorofluoromethane	2.99	101	287563	47.312	ug/l	98
8) Diethyl Ether	3.39	74	117820	46.476	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	178424	46.535	ug/l	100
10) Methyl Iodide	3.93	142	203364	47.663	ug/l	98
11) Tert butyl alcohol	4.77	59	195988	246.943	ug/l	98
12) 1,1-Dichloroethene	3.71	96	150921	43.778	ug/l	93
13) Acrolein	3.58	56	161518	239.878	ug/l	98
14) Allyl chloride	4.30	41	296233	43.908	ug/l	100
15) Acrylonitrile	4.96	53	531569	243.678	ug/l	100
16) Acetone	3.80	43	437270	203.415	ug/l	100
17) Carbon Disulfide	4.03	76	243710	45.436	ug/l	99
18) Methyl Acetate	4.30	43	285008	49.726	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	704903	49.133	ug/l	99
20) Methylene Chloride	4.53	84	211023	51.605	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	171680	46.068	ug/l	98
22) Diisopropyl ether	5.93	45	775676	49.027	ug/l	99
23) Vinyl Acetate	5.87	43	2848452	254.038	ug/l	100
24) 1,1-Dichloroethane	5.83	63	411300	47.566	ug/l	99
25) 2-Butanone	6.82	43	732146	235.319	ug/l	98
26) 2,2-Dichloropropane	6.81	77	250245	36.570	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	233543	46.763	ug/l	99
28) Bromochloromethane	7.18	49	216943	50.220	ug/l	97
29) Tetrahydrofuran	7.19	42	463970	242.005	ug/l	100
30) Chloroform	7.36	83	434010	48.004	ug/l	99
31) Cyclohexane	7.64	56	298169	50.630	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	351557	49.028	ug/l	100
36) 1,1-Dichloropropene	7.78	75	279425	45.629	ug/l	99
37) Ethyl Acetate	6.91	43	296750	46.902	ug/l	99
38) Carbon Tetrachloride	7.76	117	273049	48.837	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	299826	46.575	ug/l	98
40) Benzene	8.03	78	884786	47.991	ug/l	98
41) Methacrylonitrile	7.16	41	149872m	52.183	ug/l	
42) 1,2-Dichloroethane	8.11	62	351672	47.694	ug/l	100
43) Isopropyl Acetate	8.15	43	523538	49.205	ug/l #	91
44) Trichloroethene	8.83	130	213375	47.186	ug/l	98
45) 1,2-Dichloropropane	9.11	63	258483	48.182	ug/l	99
46) Dibromomethane	9.20	93	157972	48.729	ug/l	99
47) Bromodichloromethane	9.40	83	328469	50.740	ug/l	97
48) Methyl methacrylate	9.19	41	257820	47.768	ug/l	99
49) 1,4-Dioxane	9.19	88	85898	941.108	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1647837	261.710	ug/l	100
52) Toluene	10.15	92	558962	48.136	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	336320	49.335	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	363808	48.337	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	238896	48.568	ug/l	99
56) Ethyl methacrylate	10.43	69	371217	50.116	ug/l	99
57) 1,3-Dichloropropane	10.71	76	414732	48.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	891745	255.609	ug/l	99
59) 2-Hexanone	10.75	43	1195042	253.218	ug/l	99
60) Dibromochloromethane	10.90	129	236181	51.709	ug/l	100
61) 1,2-Dibromoethane	11.00	107	230240	49.512	ug/l	100
64) Tetrachloroethene	10.63	164	177194	47.378	ug/l	99
65) Chlorobenzene	11.43	112	637663	48.103	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	232032	50.443	ug/l	100
67) Ethyl Benzene	11.51	91	1154396	49.690	ug/l	99
68) m/p-Xylenes	11.62	106	844898	99.284	ug/l	100
69) o-Xylene	11.95	106	420951	49.757	ug/l	99
70) Styrene	11.97	104	735523	50.517	ug/l	99
71) Bromoform	12.13	173	145759	50.825	ug/l #	97
73) Isopropylbenzene	12.25	105	1173674	49.417	ug/l	100
74) N-amyl acetate	12.07	43	508361	49.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	371463	46.452	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	306215m	44.226	ug/l	
77) Bromobenzene	12.53	156	271215	45.802	ug/l	98
78) n-propylbenzene	12.59	91	1372174	50.313	ug/l	100
79) 2-Chlorotoluene	12.68	91	810158	47.001	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1014304	50.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	88488	44.973	ug/l	98
82) 4-Chlorotoluene	12.78	91	848039	47.908	ug/l	99
83) tert-Butylbenzene	13.00	119	874699	49.035	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1018399	49.932	ug/l	99
85) sec-Butylbenzene	13.18	105	1187774	50.238	ug/l	100
86) p-Isopropyltoluene	13.29	119	1070214	51.373	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	511752	47.084	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	519010	47.044	ug/l	100
89) n-Butylbenzene	13.62	91	990462	50.346	ug/l	100
90) Hexachloroethane	13.88	117	158380	51.121	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	522783	48.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67993	51.486	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	319150	44.968	ug/l	98
94) Hexachlorobutadiene	15.01	225	133400	44.340	ug/l	98
95) Naphthalene	15.13	128	917421	51.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	303701	49.036	ug/l	98

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

