

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050866.D
 Acq On : 24 Aug 2018 10:26
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 1:18:33 PM

Quant Time: Aug 24 23:02:38 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	657260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	927686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	435697	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	390018	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.59	113	367509	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.09	98	1412187	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	472243	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	471191	53.570	ug/l	99
3) Chloromethane	2.06	50	515324	47.500	ug/l	100
4) Vinyl Chloride	2.18	62	510600	49.684	ug/l	100
5) Bromomethane	2.56	94	294682	50.464	ug/l	98
6) Chloroethane	2.70	64	291051	49.015	ug/l	99
7) Trichlorofluoromethane	3.01	101	665307	50.556	ug/l	99
8) Diethyl Ether	3.41	74	229436	51.273	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	409313	49.784	ug/l	100
10) Methyl Iodide	3.95	142	334745	46.851	ug/l	100
11) Tert butyl alcohol	4.79	59	127267	252.587	ug/l	99
12) 1,1-Dichloroethene	3.73	96	374863	50.780	ug/l	99
13) Acrolein	3.61	56	59551	205.812	ug/l	99
14) Allyl chloride	4.32	41	591602	51.431	ug/l	99
15) Acrylonitrile	4.99	53	669654	261.519	ug/l	98
16) Acetone	3.82	43	478725	255.657	ug/l	99
17) Carbon Disulfide	4.05	76	1140246	46.076	ug/l	100
18) Methyl Acetate	4.33	43	375699	50.284	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	998459	53.772	ug/l	99
20) Methylene Chloride	4.55	84	420699	47.175	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	399278	50.008	ug/l	99
22) Diisopropyl ether	5.96	45	1236060	53.920	ug/l	97
23) Vinyl Acetate	5.90	43	3929649	266.183	ug/l	100
24) 1,1-Dichloroethane	5.85	63	740816	50.336	ug/l	100
25) 2-Butanone	6.84	43	736342	230.923	ug/l	99
26) 2,2-Dichloropropane	6.83	77	593959	50.226	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	446446	51.865	ug/l	100
28) Bromochloromethane	7.20	49	315738	50.488	ug/l	99
29) Tetrahydrofuran	7.21	42	482992	264.189	ug/l	99
30) Chloroform	7.37	83	725028	49.750	ug/l	100
31) Cyclohexane	7.65	56	663272	49.594	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	629060	50.253	ug/l	99
36) 1,1-Dichloropropene	7.79	75	570475	52.112	ug/l	100
37) Ethyl Acetate	6.93	43	327077	52.013	ug/l	100
38) Carbon Tetrachloride	7.77	117	562204	50.806	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	632880	53.438	ug/l	98
40) Benzene	8.04	78	1712088	51.865	ug/l	100
41) Methacrylonitrile	7.18	41	187317	55.042	ug/l	96
42) 1,2-Dichloroethane	8.13	62	507762	51.448	ug/l	100
43) Isopropyl Acetate	8.17	43	578953	53.547	ug/l #	88
44) Trichloroethene	8.84	130	447154	51.361	ug/l	99
45) 1,2-Dichloropropane	9.12	63	449321	51.789	ug/l	98
46) Dibromomethane	9.21	93	262003	51.396	ug/l	99
47) Bromodichloromethane	9.40	83	553371	51.827	ug/l	99
48) Methyl methacrylate	9.20	41	297801	54.045	ug/l	99
49) 1,4-Dioxane	9.20	88	79502	1058.374	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1639877	254.161	ug/l	99
52) Toluene	10.16	92	1052613	53.828	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	558928	52.592	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	658076	54.074	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	372159	51.275	ug/l	99
56) Ethyl methacrylate	10.43	69	461297	48.911	ug/l	98
57) 1,3-Dichloropropane	10.71	76	634218	52.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	991842	241.194	ug/l	100
59) 2-Hexanone	10.75	43	1079254	251.263	ug/l	100
60) Dibromochloromethane	10.90	129	428560	52.736	ug/l	99
61) 1,2-Dibromoethane	11.00	107	371996	53.003	ug/l	100
64) Tetrachloroethene	10.63	164	408412	49.815	ug/l	99
65) Chlorobenzene	11.43	112	1149439	50.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	426348	51.648	ug/l	99
67) Ethyl Benzene	11.51	91	1969544	53.697	ug/l	100
68) m/p-Xylenes	11.62	106	1535667	110.303	ug/l	100
69) o-Xylene	11.95	106	727770	54.373	ug/l	100
70) Styrene	11.96	104	1171815	49.687	ug/l	99
71) Bromoform	12.13	173	296446	52.221	ug/l #	100
73) Isopropylbenzene	12.25	105	1946680	53.959	ug/l	100
74) N-amyl acetate	12.07	43	481760	53.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	462787	53.933	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	393975m	51.627	ug/l	
77) Bromobenzene	12.53	156	494645	50.449	ug/l	98
78) n-propylbenzene	12.59	91	2204208	54.692	ug/l	100
79) 2-Chlorotoluene	12.67	91	1314810	52.375	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1601176	55.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	119156	52.785	ug/l	99
82) 4-Chlorotoluene	12.77	91	1310324	52.872	ug/l	100
83) tert-Butylbenzene	12.99	119	1366555	54.205	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1622327	55.404	ug/l	99
85) sec-Butylbenzene	13.17	105	1811539	54.836	ug/l	100
86) p-Isopropyltoluene	13.29	119	1594797	56.655	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	858116	51.573	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	825036	50.382	ug/l	100
89) n-Butylbenzene	13.61	91	1247824	55.426	ug/l	100
90) Hexachloroethane	13.87	117	278024	51.818	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	820042	51.084	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66083	51.003	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	386095	46.542	ug/l	100
94) Hexachlorobutadiene	15.01	225	253162	53.274	ug/l	100
95) Naphthalene	15.13	128	762962	44.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	373437	47.856	ug/l	99

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

