

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049709.D
 Acq On : 5 Jul 2018 13:19
 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

sam
 7/6/2018 4:25:45 PM

Quant Time: Jul 05 16:22:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1250359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1794433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1647151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	949192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	759707	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	7.59	113	635398	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	10.09	98	2487506	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.40	95	885853	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	650692	46.178	ug/l	96
3) Chloromethane	2.05	50	815322	46.327	ug/l	100
4) Vinyl Chloride	2.18	62	915531	48.435	ug/l	100
5) Bromomethane	2.55	94	376180	37.887	ug/l	100
6) Chloroethane	2.70	64	575449	48.099	ug/l	100
7) Trichlorofluoromethane	3.01	101	1162698	53.850	ug/l	97
8) Diethyl Ether	3.41	74	430896	49.236	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	758570	48.832	ug/l	100
10) Methyl Iodide	3.94	142	805147	41.415	ug/l	98
11) Tert butyl alcohol	4.80	59	263359	277.943	ug/l	99
12) 1,1-Dichloroethene	3.73	96	695141	47.334	ug/l	98
13) Acrolein	3.60	56	130769	147.750	ug/l	100
14) Allyl chloride	4.32	41	1021459	50.636	ug/l	99
15) Acrylonitrile	4.99	53	1319806	269.688	ug/l	98
16) Acetone	3.82	43	966593	292.857	ug/l	100
17) Carbon Disulfide	4.05	76	1980497	48.990	ug/l	99
18) Methyl Acetate	4.33	43	716079	48.815	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1980962	52.325	ug/l	100
20) Methylene Chloride	4.55	84	811319	47.716	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	756083	50.025	ug/l	100
22) Diisopropyl ether	5.95	45	2382604	52.204	ug/l	98
23) Vinyl Acetate	5.90	43	7652401	258.558	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1411141	49.079	ug/l	99
25) 2-Butanone	6.84	43	1511784	275.789	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1023522	42.861	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	832837	49.329	ug/l	99
28) Bromochloromethane	7.19	49	614531	50.359	ug/l	99
29) Tetrahydrofuran	7.21	42	1018871	291.620	ug/l	100
30) Chloroform	7.37	83	1454060	49.611	ug/l	100
31) Cyclohexane	7.65	56	1220067	49.495	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1232486	49.668	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1087279	53.857	ug/l	99
37) Ethyl Acetate	6.93	43	703759	59.766	ug/l	99
38) Carbon Tetrachloride	7.77	117	1056876	53.817	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1179828	53.302	ug/l	99
40) Benzene	8.04	78	3248187	52.692	ug/l	100
41) Methacrylonitrile	7.17	41	350791	52.849	ug/l	93
42) 1,2-Dichloroethane	8.13	62	1034426	52.580	ug/l	99
43) Isopropyl Acetate	8.17	43	1287956	55.147	ug/l	99
44) Trichloroethene	8.83	130	924272	49.717	ug/l	98
45) 1,2-Dichloropropane	9.12	63	853672	53.600	ug/l	99
46) Dibromomethane	9.21	93	526095	54.601	ug/l	98
47) Bromodichloromethane	9.40	83	1099142	53.587	ug/l	98
48) Methyl methacrylate	9.20	41	626774	59.899	ug/l	99
49) 1,4-Dioxane	9.20	88	169761	1206.758	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3543130	306.898	ug/l	99
52) Toluene	10.16	92	2033598	54.605	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1044852	53.200	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1218090	53.066	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	744009	53.654	ug/l	99
56) Ethyl methacrylate	10.43	69	982178	60.426	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1244927	55.366	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2047407	242.043	ug/l	100
59) 2-Hexanone	10.75	43	2345948	307.296	ug/l	99
60) Dibromochloromethane	10.90	129	837904	55.908	ug/l	99
61) 1,2-Dibromoethane	11.01	107	734106	55.252	ug/l	99
64) Tetrachloroethene	10.63	164	1124027	50.398	ug/l	99
65) Chlorobenzene	11.44	112	2173969	50.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	811890	52.585	ug/l	99
67) Ethyl Benzene	11.51	91	3808397	53.617	ug/l	100
68) m/p-Xylenes	11.62	106	3029635	111.298	ug/l	100
69) o-Xylene	11.95	106	1444391	55.422	ug/l	97
70) Styrene	11.97	104	2378482	56.405	ug/l	100
71) Bromoform	12.13	173	579750	56.511	ug/l	99
73) Isopropylbenzene	12.25	105	3786712	50.084	ug/l	100
74) N-amyl acetate	12.07	43	1111122	53.801	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	899814	57.518	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	855918m	56.225	ug/l	
77) Bromobenzene	12.53	156	966680	47.019	ug/l	100
78) n-propylbenzene	12.59	91	4523495	52.203	ug/l	100
79) 2-Chlorotoluene	12.68	91	2666243	48.618	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3277276	52.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	200951	44.835	ug/l	98
82) 4-Chlorotoluene	12.78	91	2711439	49.173	ug/l	100
83) tert-Butylbenzene	12.99	119	2713652	50.279	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3376406	52.299	ug/l	100
85) sec-Butylbenzene	13.17	105	3726544	52.113	ug/l	100
86) p-Isopropyltoluene	13.29	119	3331291	53.784	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1791835	51.482	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1750771	51.206	ug/l	99
89) n-Butylbenzene	13.62	91	2723208	51.356	ug/l	100
90) Hexachloroethane	13.88	117	373997	57.485	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1751786	52.444	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	148013	56.287	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	856989	49.048	ug/l	99
94) Hexachlorobutadiene	15.01	225	544439	54.192	ug/l	99
95) Naphthalene	15.14	128	1821978	47.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	842613	50.713	ug/l	100

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

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