

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049685.D
 Acq On : 3 Jul 2018 9:57
 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
 7/5/2018 2:27:29 PM

Quant Time: Jul 03 23:13:28 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	1314344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1871743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1736911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1018333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	797528	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	7.59	113	671649	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.09	98	2637128	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	952753	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	706440	47.694	ug/l	97
3) Chloromethane	2.06	50	891638	48.197	ug/l	99
4) Vinyl Chloride	2.18	62	966662	48.651	ug/l	99
5) Bromomethane	2.56	94	460618	44.133	ug/l	98
6) Chloroethane	2.70	64	615864	48.971	ug/l	100
7) Trichlorofluoromethane	3.01	101	1199211	52.838	ug/l	100
8) Diethyl Ether	3.41	74	448352	48.736	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	804432	49.264	ug/l	99
10) Methyl Iodide	3.94	142	969620	47.447	ug/l	97
11) Tert butyl alcohol	4.80	59	271092	272.176	ug/l	99
12) 1,1-Dichloroethene	3.73	96	731106	47.359	ug/l	99
13) Acrolein	3.60	56	202620	217.787	ug/l	99
14) Allyl chloride	4.32	41	1052844	49.651	ug/l	99
15) Acrylonitrile	4.99	53	1360859	264.539	ug/l	100
16) Acetone	3.82	43	1008249	290.543	ug/l	99
17) Carbon Disulfide	4.05	76	2158912	50.817	ug/l	99
18) Methyl Acetate	4.33	43	729525	47.122	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	2000449	50.268	ug/l	98
20) Methylene Chloride	4.55	84	859358	48.080	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	794701	50.020	ug/l	99
22) Diisopropyl ether	5.95	45	2446373	50.992	ug/l	99
23) Vinyl Acetate	5.90	43	8051404	258.796	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1464481	48.455	ug/l	99
25) 2-Butanone	6.84	43	1605859	278.689	ug/l	98
26) 2,2-Dichloropropane	6.82	77	1243384	49.533	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	874786	49.291	ug/l	99
28) Bromochloromethane	7.20	49	634417	49.458	ug/l	99
29) Tetrahydrofuran	7.21	42	1017538	277.061	ug/l	99
30) Chloroform	7.37	83	1507754	48.938	ug/l	98
31) Cyclohexane	7.65	56	1309437	50.550	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1295667	49.673	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1144725	54.360	ug/l	99
37) Ethyl Acetate	6.93	43	692491	56.380	ug/l	99
38) Carbon Tetrachloride	7.77	117	1088127	53.119	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1274605	55.205	ug/l	97
40) Benzene	8.04	78	3403438	52.930	ug/l	99
41) Methacrylonitrile	7.17	41	326476	47.155	ug/l #	88
42) 1,2-Dichloroethane	8.12	62	1072409	52.259	ug/l	100
43) Isopropyl Acetate	8.17	43	1315072	53.970	ug/l #	88
44) Trichloroethene	8.83	130	988537	50.977	ug/l	99
45) 1,2-Dichloropropane	9.12	63	890358	53.595	ug/l	100
46) Dibromomethane	9.21	93	536670	53.398	ug/l	99
47) Bromodichloromethane	9.40	83	1152068	53.848	ug/l	99
48) Methyl methacrylate	9.20	41	639388	58.581	ug/l	98
49) 1,4-Dioxane	9.20	88	172050	1172.514	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	3562340	295.817	ug/l	100
52) Toluene	10.16	92	2117801	54.517	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1132293	55.271	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1310440	54.731	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	763338	52.774	ug/l	98
56) Ethyl methacrylate	10.43	69	995163	58.696	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1285122	54.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2333383	263.455	ug/l	100
59) 2-Hexanone	10.75	43	2514517	315.773	ug/l	99
60) Dibromochloromethane	10.90	129	875101	55.978	ug/l	98
61) 1,2-Dibromoethane	11.01	107	756949	54.618	ug/l	99
64) Tetrachloroethene	10.63	164	1210737	51.481	ug/l	99
65) Chlorobenzene	11.44	112	2310805	50.999	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	847767	52.071	ug/l	99
67) Ethyl Benzene	11.51	91	4031933	53.831	ug/l	100
68) m/p-Xylenes	11.62	106	3197378	111.390	ug/l	100
69) o-Xylene	11.95	106	1510641	54.969	ug/l	98
70) Styrene	11.97	104	2534988	57.010	ug/l	100
71) Bromoform	12.13	173	606839	56.094	ug/l #	99
73) Isopropylbenzene	12.25	105	4007586	49.406	ug/l	100
74) N-amyl acetate	12.07	43	1152867	52.032	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	899016	53.466	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	839299m	51.390	ug/l	
77) Bromobenzene	12.53	156	1023612	46.408	ug/l	99
78) n-propylbenzene	12.59	91	4818300	51.829	ug/l	100
79) 2-Chlorotoluene	12.68	91	2832100	48.136	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3506291	52.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	246829	51.331	ug/l	98
82) 4-Chlorotoluene	12.78	91	2907572	49.149	ug/l	100
83) tert-Butylbenzene	13.00	119	2923910	50.496	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3616152	52.210	ug/l	100
85) sec-Butylbenzene	13.17	105	4006504	52.224	ug/l	100
86) p-Isopropyltoluene	13.29	119	3601358	54.197	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	1937565	51.894	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1889016	51.501	ug/l	100
89) n-Butylbenzene	13.62	91	3029917	53.260	ug/l	100
90) Hexachloroethane	13.88	117	364675	52.246	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1884875	52.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	151921	53.804	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	886326	47.370	ug/l	100
94) Hexachlorobutadiene	15.01	225	597349	55.474	ug/l	99
95) Naphthalene	15.14	128	1873426	45.680	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	874432	49.109	ug/l	99

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

