

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049628.D
 Acq On : 29 Jun 2018 12:10
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:19:33 PM

Quant Time: Jun 30 00:32:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1361767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2010664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1828428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1002972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	854965	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.59	113	741217	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.09	98	2926340	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	1003881	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	762527	49.69	ug/l	100
3) Chloromethane	2.06	50	892548	46.57	ug/l	100
4) Vinyl Chloride	2.18	62	983271	47.76	ug/l	100
5) Bromomethane	2.56	94	474408	43.87	ug/l	100
6) Chloroethane	2.70	64	603063	46.28	ug/l	100
7) Trichlorofluoromethane	3.02	101	1040160	44.23	ug/l	100
8) Diethyl Ether	3.41	74	436968	45.84	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	776776	45.91	ug/l	100
10) Methyl Iodide	3.95	142	997352	47.10	ug/l	100
11) Tert butyl alcohol	4.79	59	241355	233.88	ug/l	100
12) 1,1-Dichloroethene	3.73	96	724354	45.29	ug/l	100
13) Acrolein	3.61	56	248620	257.92	ug/l	100
14) Allyl chloride	4.32	41	947989	43.15	ug/l	100
15) Acrylonitrile	4.99	53	1255287	235.52	ug/l	100
16) Acetone	3.82	43	856164	192.22	ug/l	100
17) Carbon Disulfide	4.05	76	2096169	43.23	ug/l	100
18) Methyl Acetate	4.33	43	774930	28.60	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1958100	47.49	ug/l	100
20) Methylene Chloride	4.55	84	812637	43.88	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	767814	46.64	ug/l	100
22) Diisopropyl ether	5.95	45	2410000	48.48	ug/l	100
23) Vinyl Acetate	5.90	43	8023836	248.93	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1450930	46.33	ug/l	100
25) 2-Butanone	6.84	43	1394993	233.66	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1191147	45.80	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	867957	47.20	ug/l	100
28) Bromochloromethane	7.20	49	647832	48.74	ug/l	100
29) Tetrahydrofuran	7.21	42	924279	242.90	ug/l	100
30) Chloroform	7.37	83	1474518	46.19	ug/l	100
31) Cyclohexane	7.65	56	1279475	41.49	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1265267	46.82	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1120406	49.53	ug/l	100
37) Ethyl Acetate	6.93	43	654778	49.63	ug/l	100
38) Carbon Tetrachloride	7.77	117	1042442	47.37	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1202058	48.47	ug/l	100
40) Benzene	8.04	78	3315705	48.00	ug/l	100
41) Methacrylonitrile	7.18	41	363675	51.64	ug/l	100
42) 1,2-Dichloroethane	8.12	62	1037662	47.07	ug/l	100
43) Isopropyl Acetate	8.17	43	1261036	40.45	ug/l	100
44) Trichloroethene	8.83	130	974840	46.80	ug/l	100
45) 1,2-Dichloropropane	9.12	63	873131	48.93	ug/l	100
46) Dibromomethane	9.21	93	514514	47.66	ug/l	100
47) Bromodichloromethane	9.40	83	1113689	48.46	ug/l	100
48) Methyl methacrylate	9.20	41	589829	50.31	ug/l	100
49) 1,4-Dioxane	9.20	88	160481	1018.11	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	3182752	246.04	ug/l	100
52) Toluene	10.16	92	2076727	49.77	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1086535	49.37	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1285588	49.98	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	737484	47.46	ug/l	100
56) Ethyl methacrylate	10.43	69	935794	51.38	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1237098	49.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2156163	254.31	ug/l	100
59) 2-Hexanone	10.75	43	2120443	247.89	ug/l	100
60) Dibromochloromethane	10.90	129	829687	49.41	ug/l	100
61) 1,2-Dibromoethane	11.01	107	726781	48.82	ug/l	100
64) Tetrachloroethene	10.63	164	1150983	46.49	ug/l	100
65) Chlorobenzene	11.44	112	2245427	47.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	820526	47.88	ug/l	100
67) Ethyl Benzene	11.51	91	3891397	49.35	ug/l	100
68) m/p-Xylenes	11.62	106	3040663	100.63	ug/l	100
69) o-Xylene	11.95	106	1442689	49.87	ug/l	100
70) Styrene	11.97	104	2399344	51.26	ug/l	100
71) Bromoform	12.13	173	552643	48.53	ug/l #	100
73) Isopropylbenzene	12.25	105	3820465	47.82	ug/l	100
74) N-amyl acetate	12.07	43	1039369	47.63	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	816322	43.27	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	773645m	44.43	ug/l	
77) Bromobenzene	12.53	156	972115	44.75	ug/l	100
78) n-propylbenzene	12.59	91	4491799	49.06	ug/l	100
79) 2-Chlorotoluene	12.68	91	2673435	46.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3271464	49.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	226257	47.77	ug/l	100
82) 4-Chlorotoluene	12.77	91	2736481	46.97	ug/l	100
83) tert-Butylbenzene	12.99	119	2713988	47.59	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3367426	49.36	ug/l	100
85) sec-Butylbenzene	13.17	105	3683098	48.74	ug/l	100
86) p-Isopropyltoluene	13.29	119	3288105	50.24	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1795516	44.77	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1749413	43.70	ug/l	100
89) n-Butylbenzene	13.62	91	2727412	48.68	ug/l	100
90) Hexachloroethane	13.88	117	320643	46.64	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1743836	44.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	138931	42.20	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	865045	48.19	ug/l	100
94) Hexachlorobutadiene	15.01	225	532298	42.75	ug/l	100
95) Naphthalene	15.14	128	1800820	46.76	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	830684	44.98	ug/l	100

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

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