

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049215.D
 Acq On : 13 Jun 2018 21:52
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 6/14/2018 5:07:25 PM

Quant Time: Jun 14 04:42:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	933814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1449551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1388594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	717105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1399872	93.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.92%	
35) Dibromofluoromethane	7.59	113	1150734	96.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.36%	
50) Toluene-d8	10.09	98	4611048	99.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.78%	
62) 4-Bromofluorobenzene	12.40	95	1636077	106.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	993405	72.34	ug/l	99
3) Chloromethane	2.06	50	1127425	80.14	ug/l	98
4) Vinyl Chloride	2.18	62	1196704	85.18	ug/l	99
5) Bromomethane	2.55	94	689004	89.36	ug/l	97
6) Chloroethane	2.70	64	778636	86.29	ug/l	99
7) Trichlorofluoromethane	3.01	101	1651418	85.97	ug/l	99
8) Diethyl Ether	3.41	74	685214	102.24	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1155521	98.99	ug/l	98
10) Methyl Iodide	3.95	142	1367641	122.23	ug/l	95
11) Tert butyl alcohol	4.80	59	409368	485.92	ug/l	98
12) 1,1-Dichloroethene	3.73	96	1093049	101.80	ug/l	97
13) Acrolein	3.61	56	611609	787.55	ug/l	100
14) Allyl chloride	4.32	41	2166827	105.64	ug/l	88
15) Acrylonitrile	4.99	53	2226118	491.23	ug/l	99
16) Acetone	3.82	43	1609890	457.85	ug/l	93
17) Carbon Disulfide	4.05	76	3569699	100.50	ug/l	100
18) Methyl Acetate	4.33	43	1057092	93.17	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3131213	98.48	ug/l	99
20) Methylene Chloride	4.55	84	1274346	97.41	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1184366	96.77	ug/l	98
22) Diisopropyl ether	5.96	45	4383391	100.52	ug/l	94
23) Vinyl Acetate	5.90	43	15014411	505.24	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2369900	95.36	ug/l	99
25) 2-Butanone	6.84	43	2544919	477.17	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1781366	90.57	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	1341015	97.91	ug/l	98
28) Bromochloromethane	7.20	49	1186183	109.52	ug/l	99
29) Tetrahydrofuran	7.22	42	1695148	495.59	ug/l	99
30) Chloroform	7.37	83	2267018	93.83	ug/l	99
31) Cyclohexane	7.65	56	2237560	97.67	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1947335	94.37	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1797691	99.14	ug/l	99
37) Ethyl Acetate	6.93	43	1150537	98.92	ug/l	99
38) Carbon Tetrachloride	7.78	117	1705160	95.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	1941045	102.43	ug/l	99
40) Benzene	8.04	78	5353642	98.54	ug/l	99
41) Methacrylonitrile	7.18	41	657717	102.76	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1692152	95.69	ug/l	98
43) Isopropyl Acetate	8.17	43	2141653	96.53	ug/l	98
44) Trichloroethene	8.84	130	1276142	95.92	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1455167	97.80	ug/l	99
46) Dibromomethane	9.21	93	792850	95.65	ug/l	97
47) Bromodichloromethane	9.40	83	1785430	97.07	ug/l	97
48) Methyl methacrylate	9.20	41	1056780	99.81	ug/l	91
49) 1,4-Dioxane	9.20	88	239913	2018.13	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	5912653	504.49	ug/l	98
52) Toluene	10.16	92	3229848	99.16	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1886019	102.84	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2160630	101.44	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	1145210	98.65	ug/l	98
56) Ethyl methacrylate	10.43	69	1609973	106.78	ug/l #	92
57) 1,3-Dichloropropane	10.71	76	2008454	99.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	2733616	548.41	ug/l	100
59) 2-Hexanone	10.75	43	3816763	505.99	ug/l	97
60) Dibromochloromethane	10.90	129	1301090	100.41	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1073921	98.86	ug/l	100
64) Tetrachloroethene	10.63	164	1240430	92.38	ug/l	98
65) Chlorobenzene	11.44	112	3447773	96.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	1261383	94.58	ug/l	100
67) Ethyl Benzene	11.51	91	6383765	100.43	ug/l	100
68) m/p-Xylenes	11.63	106	4763064	201.60	ug/l	100
69) o-Xylene	11.95	106	2316524	102.01	ug/l	99
70) Styrene	11.97	104	3806769	104.31	ug/l	99
71) Bromoform	12.13	173	869128	99.65	ug/l #	99
73) Isopropylbenzene	12.25	105	6176976	92.91	ug/l	99
74) N-amyl acetate	12.07	43	1932107	97.83	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1381314	85.11	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1161159m	84.10	ug/l	
77) Bromobenzene	12.53	156	1444473	92.50	ug/l	99
78) n-propylbenzene	12.59	91	7359673	96.91	ug/l	99
79) 2-Chlorotoluene	12.68	91	4325777	93.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	5044178	94.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	397307	91.77	ug/l	92
82) 4-Chlorotoluene	12.78	91	4349791	95.80	ug/l	100
83) tert-Butylbenzene	12.99	119	4253947	95.06	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	5140678	95.83	ug/l	99
85) sec-Butylbenzene	13.17	105	5881773	96.48	ug/l	99
86) p-Isopropyltoluene	13.29	119	4988993	98.43	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2572524	95.67	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2490602	95.61	ug/l	99
89) n-Butylbenzene	13.62	91	4320970	105.41	ug/l	99
90) Hexachloroethane	13.88	117	974257	89.85	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	2429964	94.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	209207	89.27	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	1141301	111.59	ug/l	99
94) Hexachlorobutadiene	15.01	225	678437	86.99	ug/l	98
95) Naphthalene	15.14	128	2497253	111.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1124810	107.96	ug/l	99

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

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