

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049629.D
 Acq On : 29 Jun 2018 12:36
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:19:37 PM

Quant Time: Jun 30 00:34:13 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	1458666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2174705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2024097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1161015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1855948	96.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.70%	
35) Dibromofluoromethane	7.59	113	1549041	95.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.56%	
50) Toluene-d8	10.09	98	6407223	100.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.36%	
62) 4-Bromofluorobenzene	12.40	95	2283994	105.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1716397	104.41	ug/l	97
3) Chloromethane	2.06	50	2034742	99.10	ug/l	100
4) Vinyl Chloride	2.18	62	2214931	100.44	ug/l	100
5) Bromomethane	2.55	94	1109145	95.76	ug/l	100
6) Chloroethane	2.70	64	1359529	97.41	ug/l	99
7) Trichlorofluoromethane	3.01	101	2394119	95.05	ug/l	99
8) Diethyl Ether	3.41	74	1032825	101.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1772586	97.81	ug/l	99
10) Methyl Iodide	3.95	142	2450318	108.04	ug/l	100
11) Tert butyl alcohol	4.80	59	578634	523.47	ug/l	99
12) 1,1-Dichloroethene	3.73	96	1664251	97.14	ug/l	99
13) Acrolein	3.61	56	546862	529.64	ug/l	98
14) Allyl chloride	4.32	41	2147177	91.24	ug/l	99
15) Acrylonitrile	4.99	53	2983066	522.51	ug/l	99
16) Acetone	3.82	43	2015747	422.50	ug/l	98
17) Carbon Disulfide	4.05	76	4901534	94.38	ug/l	99
18) Methyl Acetate	4.33	43	1673191	57.64	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	4630447	104.84	ug/l	100
20) Methylene Chloride	4.55	84	1862819	93.91	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1784933	101.23	ug/l	99
22) Diisopropyl ether	5.95	45	5672044	106.53	ug/l	98
23) Vinyl Acetate	5.90	43	19411247	562.20	ug/l	100
24) 1,1-Dichloroethane	5.85	63	3323043	99.07	ug/l	99
25) 2-Butanone	6.84	43	3344699	523.03	ug/l	99
26) 2,2-Dichloropropane	6.82	77	2776147	99.65	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	2047344	103.95	ug/l	99
28) Bromochloromethane	7.20	49	1423936	100.02	ug/l	99
29) Tetrahydrofuran	7.21	42	2214184	543.24	ug/l	100
30) Chloroform	7.37	83	3376324	98.75	ug/l	100
31) Cyclohexane	7.65	56	2993049	90.62	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	2910109	100.53	ug/l	99
36) 1,1-Dichloropropene	7.79	75	2610267	106.69	ug/l	100
37) Ethyl Acetate	6.93	43	1549985	108.61	ug/l	100
38) Carbon Tetrachloride	7.77	117	2488194	104.54	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2926303	109.09	ug/l	100
40) Benzene	8.04	78	7662250	102.56	ug/l	100
41) Methacrylonitrile	7.17	41	816639	107.20	ug/l	92
42) 1,2-Dichloroethane	8.13	62	2402489	100.76	ug/l	99
43) Isopropyl Acetate	8.17	43	2901752	86.06	ug/l	97
44) Trichloroethene	8.84	130	2251447	99.93	ug/l	99
45) 1,2-Dichloropropane	9.12	63	2011795	104.23	ug/l	99
46) Dibromomethane	9.21	93	1204370	103.14	ug/l	98
47) Bromodichloromethane	9.40	83	2587058	104.07	ug/l	98
48) Methyl methacrylate	9.20	41	1396952	110.16	ug/l	98
49) 1,4-Dioxane	9.20	88	373441	2190.44	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	7617090	544.41	ug/l	99
52) Toluene	10.16	92	4815700	106.70	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	2687545	112.91	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	3095174	111.26	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	1714257	102.01	ug/l	99
56) Ethyl methacrylate	10.43	69	2323378	117.95	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2891422	106.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	5622394	613.12	ug/l	100
59) 2-Hexanone	10.75	43	5200926	562.14	ug/l	100
60) Dibromochloromethane	10.90	129	1985283	109.30	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1715114	106.51	ug/l	99
64) Tetrachloroethene	10.63	164	2655231	96.88	ug/l	99
65) Chlorobenzene	11.44	112	5318104	100.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1946359	102.59	ug/l	100
67) Ethyl Benzene	11.51	91	9362263	107.26	ug/l	100
68) m/p-Xylenes	11.62	106	7234743	216.28	ug/l	99
69) o-Xylene	11.95	106	3488546	108.93	ug/l	98
70) Styrene	11.97	104	5825658	112.43	ug/l	99
71) Bromoform	12.13	173	1370180	108.69	ug/l	100
73) Isopropylbenzene	12.25	105	9178530	99.25	ug/l	100
74) N-amyl acetate	12.07	43	2652906	105.02	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1947442	89.18	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1699540m	84.32	ug/l	
77) Bromobenzene	12.53	156	2360886	93.88	ug/l	100
78) n-propylbenzene	12.59	91	10817196	102.06	ug/l	99
79) 2-Chlorotoluene	12.68	91	6368358	94.94	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	7812778	101.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	591253	107.85	ug/l	97
82) 4-Chlorotoluene	12.77	91	6558588	97.24	ug/l	99
83) tert-Butylbenzene	12.99	119	6668394	101.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	8110403	102.71	ug/l	100
85) sec-Butylbenzene	13.17	105	8962064	102.46	ug/l	100
86) p-Isopropyltoluene	13.29	119	8059265	106.38	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	4377422	94.29	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	4308494	92.96	ug/l	99
89) n-Butylbenzene	13.62	91	6962834	107.35	ug/l	99
90) Hexachloroethane	13.88	117	840923	105.67	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	4226051	93.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	329310	86.42	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2264804	108.99	ug/l	99
94) Hexachlorobutadiene	15.01	225	1283498	89.06	ug/l	99
95) Naphthalene	15.14	128	5026322	112.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	2122647	99.28	ug/l	99

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

