

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102318\
 Data File : VN051963.D
 Acq On : 23 Oct 2018 14:27
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 10:09:27 AM

Quant Time: Oct 24 04:40:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 04:09:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1186157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1739669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1680547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	999590	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1038264	98.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.56%	
35) Dibromofluoromethane	7.59	113	1102249	99.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.58%	
50) Toluene-d8	10.09	98	4043368	100.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.58%	
62) 4-Bromofluorobenzene	12.40	95	1465712	106.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	721588	95.863	ug/l	99
3) Chloromethane	2.06	50	644810	95.139	ug/l	97
4) Vinyl Chloride	2.19	62	877811	96.627	ug/l	99
5) Bromomethane	2.56	94	866169	99.582	ug/l	98
6) Chloroethane	2.70	64	657939	97.552	ug/l	99
7) Trichlorofluoromethane	3.02	101	1551799	95.866	ug/l	98
8) Diethyl Ether	3.41	74	473289	98.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	933198	96.238	ug/l	98
10) Methyl Iodide	3.96	142	1515186	105.613	ug/l	99
11) Tert butyl alcohol	4.78	59	295929	538.190	ug/l	98
12) 1,1-Dichloroethene	3.74	96	859453	98.970	ug/l	99
13) Acrolein	3.61	56	168941	618.050	ug/l	98
14) Allyl chloride	4.33	41	863758	104.383	ug/l	94
15) Acrylonitrile	4.99	53	1238221	551.444	ug/l	99
16) Acetone	3.82	43	868968	499.258	ug/l	100
17) Carbon Disulfide	4.06	76	2170210	105.134	ug/l	100
18) Methyl Acetate	4.32	43	558277	95.063	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2407883	103.277	ug/l	97
20) Methylene Chloride	4.55	84	958895	93.914	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	986861	100.344	ug/l	99
22) Diisopropyl ether	5.95	45	2112215	102.749	ug/l	99
23) Vinyl Acetate	5.90	43	7676181	536.736	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1523082	99.231	ug/l	99
25) 2-Butanone	6.84	43	1349340	543.808	ug/l	98
26) 2,2-Dichloropropane	6.83	77	1440997	102.612	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1179595	103.127	ug/l	97
28) Bromochloromethane	7.20	49	637974	103.130	ug/l	92
29) Tetrahydrofuran	7.21	42	863185	513.453	ug/l	99
30) Chloroform	7.37	83	1874761	100.031	ug/l	99
31) Cyclohexane	7.66	56	1231064	74.455	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1772393	103.418	ug/l	99
36) 1,1-Dichloropropene	7.80	75	1329121	99.598	ug/l	99
37) Ethyl Acetate	6.93	43	631342	107.868	ug/l	98
38) Carbon Tetrachloride	7.78	117	1620952	105.806	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1666311	102.233	ug/l	98
40) Benzene	8.04	78	3986571	100.614	ug/l	99
41) Methacrylonitrile	7.18	41	324922	108.353	ug/l	94
42) 1,2-Dichloroethane	8.13	62	1255312	98.812	ug/l	100
43) Isopropyl Acetate	8.17	43	1202878	107.631	ug/l	98
44) Trichloroethene	8.84	130	1296191	101.918	ug/l	97
45) 1,2-Dichloropropane	9.12	63	903304	100.780	ug/l	97
46) Dibromomethane	9.21	93	739132	102.298	ug/l	97
47) Bromodichloromethane	9.40	83	1432774	105.000	ug/l	98
48) Methyl methacrylate	9.20	41	566771	104.921	ug/l	100
49) 1,4-Dioxane	9.20	88	217228	2193.081	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3297050	536.326	ug/l	100
52) Toluene	10.16	92	2814543	104.753	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1450725	116.036	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1579679	110.758	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1032832	104.040	ug/l	99
56) Ethyl methacrylate	10.43	69	1199791	112.433	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1552958	103.044	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	3043055	545.001	ug/l	99
59) 2-Hexanone	10.75	43	2305371	558.140	ug/l	99
60) Dibromochloromethane	10.90	129	1328344	119.401	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1146812	109.563	ug/l	99
64) Tetrachloroethene	10.63	164	1294673	100.372	ug/l	97
65) Chlorobenzene	11.43	112	3412588	100.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1312461	107.615	ug/l	100
67) Ethyl Benzene	11.51	91	5568292	102.094	ug/l	99
68) m/p-Xylenes	11.62	106	4675963	214.578	ug/l	98
69) o-Xylene	11.95	106	2249938	106.163	ug/l	98
70) Styrene	11.96	104	3730657	110.136	ug/l	99
71) Bromoform	12.13	173	960533	129.115	ug/l #	99
73) Isopropylbenzene	12.25	105	6060607	95.602	ug/l	99
74) N-amyl acetate	12.07	43	1212065	97.137	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1253316	95.681	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	978262m	96.099	ug/l	
77) Bromobenzene	12.53	156	1747220	99.867	ug/l	96
78) n-propylbenzene	12.59	91	6609441	96.649	ug/l	100
79) 2-Chlorotoluene	12.67	91	3767818	94.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	5072896	99.740	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	338108	121.477	ug/l	95
82) 4-Chlorotoluene	12.77	91	3987878	96.718	ug/l	99
83) tert-Butylbenzene	12.99	119	4735016	98.432	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	5214244	99.388	ug/l	100
85) sec-Butylbenzene	13.17	105	6158672	98.025	ug/l	99
86) p-Isopropyltoluene	13.29	119	5756234	101.764	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3246115	100.598	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	3219819	101.213	ug/l	99
89) n-Butylbenzene	13.62	91	4541008	100.821	ug/l	99
90) Hexachloroethane	13.88	117	906139	107.529	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	3106001	99.500	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	200931	99.906	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1909109	103.533	ug/l	99
94) Hexachlorobutadiene	15.01	225	923701	97.490	ug/l	99
95) Naphthalene	15.13	128	4350774	108.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1801898	102.233	ug/l	99

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

