

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010519\
 Data File : VN053289.D
 Acq On : 4 Jan 2019 19:02
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 10:24:15 AM

Quant Time: Jan 07 09:32:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:27:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	925142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1407517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1274274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	634823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	945879	99.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.72%	
35) Dibromofluoromethane	7.59	113	813016	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
50) Toluene-d8	10.09	98	3433352	99.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.86%	
62) 4-Bromofluorobenzene	12.40	95	1216038	101.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	841262	100.159	ug/l	99
3) Chloromethane	2.06	50	1119678	100.578	ug/l	99
4) Vinyl Chloride	2.19	62	1102223	101.320	ug/l	100
5) Bromomethane	2.55	94	703171	103.086	ug/l	99
6) Chloroethane	2.70	64	642090	101.633	ug/l	99
7) Trichlorofluoromethane	3.02	101	1404598	102.414	ug/l	100
8) Diethyl Ether	3.41	74	565714	103.036	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	890392	103.229	ug/l	100
10) Methyl Iodide	3.96	142	1343153	105.054	ug/l	100
11) Tert butyl alcohol	4.78	59	272544	443.474	ug/l	99
12) 1,1-Dichloroethene	3.74	96	874529	102.469	ug/l	99
13) Acrolein	3.61	56	385071	548.834	ug/l	99
14) Allyl chloride	4.33	41	1404232	105.109	ug/l	99
15) Acrylonitrile	4.99	53	1770513	505.041	ug/l	100
16) Acetone	3.82	43	1146939	490.112	ug/l	98
17) Carbon Disulfide	4.06	76	2703307	103.844	ug/l	100
18) Methyl Acetate	4.32	43	847047	105.794	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	2483726	102.916	ug/l	100
20) Methylene Chloride	4.55	84	995964	101.382	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	944269	103.102	ug/l	99
22) Diisopropyl ether	5.95	45	3017389	100.764	ug/l	99
23) Vinyl Acetate	5.90	43	9911541	515.067	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1752848	102.412	ug/l	100
25) 2-Butanone	6.83	43	1957223	497.629	ug/l	100
26) 2,2-Dichloropropane	6.83	77	1281165	103.617	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1081068	102.245	ug/l	99
28) Bromochloromethane	7.19	49	753753	99.083	ug/l	100
29) Tetrahydrofuran	7.21	42	1309273	499.441	ug/l	100
30) Chloroform	7.37	83	1689887	100.753	ug/l	98
31) Cyclohexane	7.65	56	1637151	101.427	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1449399	103.414	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1351665	103.780	ug/l	99
37) Ethyl Acetate	6.93	43	881310	101.718	ug/l	99
38) Carbon Tetrachloride	7.78	117	1261359	103.594	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1581362	103.927	ug/l	100
40) Benzene	8.04	78	4072493	101.734	ug/l	100
41) Methacrylonitrile	7.17	41	555010m	112.384	ug/l	
42) 1,2-Dichloroethane	8.12	62	1200136	102.037	ug/l	99
43) Isopropyl Acetate	8.16	43	1599982	102.218	ug/l	99
44) Trichloroethene	8.84	130	1115107	102.173	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1075172	102.405	ug/l	99
46) Dibromomethane	9.21	93	624282	100.859	ug/l	100
47) Bromodichloromethane	9.40	83	1316013	103.113	ug/l	100
48) Methyl methacrylate	9.20	41	802016	102.318	ug/l	99
49) 1,4-Dioxane	9.20	88	143302	1578.644	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	4360129	500.989	ug/l	100
52) Toluene	10.16	92	2515355	100.560	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1399660	104.192	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1593341	102.796	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	898493	100.046	ug/l	98
56) Ethyl methacrylate	10.43	69	1272354	103.252	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1555116	102.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	3357059	509.912	ug/l	100
59) 2-Hexanone	10.75	43	3001813	497.855	ug/l	99
60) Dibromochloromethane	10.90	129	1026310	102.230	ug/l	100
61) 1,2-Dibromoethane	11.01	107	924542	101.662	ug/l	99
64) Tetrachloroethene	10.63	164	1191927	98.471	ug/l	99
65) Chlorobenzene	11.43	112	2777388	100.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	997965	102.189	ug/l	100
67) Ethyl Benzene	11.51	91	4842168	101.117	ug/l	100
68) m/p-Xylenes	11.62	106	3671954	201.162	ug/l	100
69) o-Xylene	11.95	106	1790651	101.230	ug/l	99
70) Styrene	11.96	104	2991353	102.061	ug/l	99
71) Bromoform	12.13	173	730899	103.596	ug/l #	99
73) Isopropylbenzene	12.25	105	4686417	97.414	ug/l	100
74) N-amyl acetate	12.07	43	1469581	100.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1048628	98.474	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	886552m	98.329	ug/l	
77) Bromobenzene	12.53	156	1237804	98.389	ug/l	99
78) n-propylbenzene	12.59	91	5394861	98.360	ug/l	99
79) 2-Chlorotoluene	12.68	91	3181296	98.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3836238	99.036	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	343016	102.069	ug/l	99
82) 4-Chlorotoluene	12.77	91	3312839	99.753	ug/l	100
83) tert-Butylbenzene	12.99	119	3319875	99.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3920546	99.304	ug/l	100
85) sec-Butylbenzene	13.17	105	4455528	99.856	ug/l	100
86) p-Isopropyltoluene	13.29	119	3943681	100.674	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2225649	101.140	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2196893	101.106	ug/l	100
89) n-Butylbenzene	13.62	91	3342880	103.084	ug/l	100
90) Hexachloroethane	13.88	117	653953	104.779	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2065394	98.934	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	130815	93.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	682143	98.606	ug/l	99
94) Hexachlorobutadiene	15.01	225	519055	94.647	ug/l	99
95) Naphthalene	15.13	128	1229325	102.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	448684	100.829	ug/l	100

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

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