

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053400.D
 Acq On : 15 Jan 2019 11:02
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:51:02 AM

Quant Time: Jan 16 03:07:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	934403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1409270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1282566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	627472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	913534	98.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.84%	
35) Dibromofluoromethane	7.59	113	810831	100.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.62%	
50) Toluene-d8	10.09	98	3430369	100.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.70%	
62) 4-Bromofluorobenzene	12.40	95	1206287	101.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	750423	99.888	ug/l	99
3) Chloromethane	2.06	50	1046162	97.397	ug/l	99
4) Vinyl Chloride	2.19	62	1024904	98.987	ug/l	100
5) Bromomethane	2.56	94	689523	97.057	ug/l	100
6) Chloroethane	2.70	64	609600	97.381	ug/l	99
7) Trichlorofluoromethane	3.02	101	1342444	99.124	ug/l	99
8) Diethyl Ether	3.41	74	524047	103.026	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	844715	98.486	ug/l	100
10) Methyl Iodide	3.96	142	1339144	102.170	ug/l	100
11) Tert butyl alcohol	4.78	59	240592	532.378	ug/l	100
12) 1,1-Dichloroethene	3.74	96	836570	100.560	ug/l	99
13) Acrolein	3.61	56	453119	489.838	ug/l	99
14) Allyl chloride	4.33	41	1334587	98.763	ug/l	99
15) Acrylonitrile	4.99	53	1564251	525.952	ug/l	99
16) Acetone	3.81	43	1045236	482.375	ug/l	99
17) Carbon Disulfide	4.06	76	2550102	101.365	ug/l	99
18) Methyl Acetate	4.32	43	729215	99.886	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	2311853	104.588	ug/l	99
20) Methylene Chloride	4.55	84	956015	96.637	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	892763	100.378	ug/l	100
22) Diisopropyl ether	5.95	45	2871504	101.792	ug/l	98
23) Vinyl Acetate	5.90	43	9278463	535.066	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1658412	99.446	ug/l	100
25) 2-Butanone	6.83	43	1727356	517.304	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1275401	101.294	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1028967	101.175	ug/l	99
28) Bromochloromethane	7.19	49	725233	98.716	ug/l	99
29) Tetrahydrofuran	7.21	42	1140682	524.742	ug/l	99
30) Chloroform	7.37	83	1618745	99.627	ug/l	99
31) Cyclohexane	7.65	56	1599442	98.772	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1397590	101.399	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1311933	102.220	ug/l	99
37) Ethyl Acetate	6.93	43	774926	104.083	ug/l	99
38) Carbon Tetrachloride	7.78	117	1232908	101.467	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1646022	103.764	ug/l	99
40) Benzene	8.04	78	3898070	99.947	ug/l	100
41) Methacrylonitrile	7.17	41	431372	93.696	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1131416	99.577	ug/l	100
43) Isopropyl Acetate	8.16	43	1412892	101.910	ug/l	98
44) Trichloroethene	8.83	130	1082214	100.060	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1036435	100.330	ug/l	99
46) Dibromomethane	9.21	93	589275	99.286	ug/l	99
47) Bromodichloromethane	9.40	83	1259459	100.906	ug/l	100
48) Methyl methacrylate	9.20	41	729148	106.361	ug/l	100
49) 1,4-Dioxane	9.20	88	136998	2046.231	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3843960	530.347	ug/l	100
52) Toluene	10.16	92	2452795	101.301	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1360953	107.575	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	1540900	103.901	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	849081	101.714	ug/l	99
56) Ethyl methacrylate	10.43	69	1174251	97.098	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1475408	102.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	3113645	533.161	ug/l	100
59) 2-Hexanone	10.75	43	2633694	517.627	ug/l	99
60) Dibromochloromethane	10.90	129	990550	104.620	ug/l	99
61) 1,2-Dibromoethane	11.00	107	884349	104.749	ug/l	99
64) Tetrachloroethene	10.63	164	1173468	97.087	ug/l	100
65) Chlorobenzene	11.43	112	2739220	100.901	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	970418	102.752	ug/l	100
67) Ethyl Benzene	11.51	91	4752820	102.728	ug/l	100
68) m/p-Xylenes	11.62	106	3617646	207.100	ug/l	99
69) o-Xylene	11.95	106	1752618	103.256	ug/l	100
70) Styrene	11.96	104	2920120	106.002	ug/l	100
71) Bromoform	12.13	173	702312	108.018	ug/l	100
73) Isopropylbenzene	12.25	105	4662423	101.467	ug/l	99
74) N-amyl acetate	12.07	43	1319112	107.689	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	983126	102.016	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	856418m	108.404	ug/l	
77) Bromobenzene	12.53	156	1215150	100.359	ug/l	99
78) n-propylbenzene	12.59	91	5411930	102.605	ug/l	99
79) 2-Chlorotoluene	12.67	91	3125935	99.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3834904	102.576	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	328786	98.062	ug/l	98
82) 4-Chlorotoluene	12.77	91	3243054	101.718	ug/l	100
83) tert-Butylbenzene	12.99	119	3407100	103.182	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3882335	102.989	ug/l	100
85) sec-Butylbenzene	13.17	105	4642964	102.526	ug/l	99
86) p-Isopropyltoluene	13.29	119	4109443	104.510	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2170241	101.897	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2133161	99.847	ug/l	100
89) n-Butylbenzene	13.62	91	3549138	105.889	ug/l	100
90) Hexachloroethane	13.88	117	665248	107.874	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1961440	100.101	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	127344	104.215	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	850104	95.654	ug/l	99
94) Hexachlorobutadiene	15.01	225	581360	95.111	ug/l	98
95) Naphthalene	15.13	128	1513790	95.874	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	625972	95.127	ug/l	99

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

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