

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051811.D
 Acq On : 11 Oct 2018 12:22
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:00:16 PM

Quant Time: Oct 11 12:46:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 12:43:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	962013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1402764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1333524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	729730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	896239	95.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.82%	
35) Dibromofluoromethane	7.59	113	884490	102.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.06%	
50) Toluene-d8	10.09	98	3333820	104.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.60%	
62) 4-Bromofluorobenzene	12.40	95	1205458	113.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	530956	101.14	ug/l	100
3) Chloromethane	2.06	50	604128	90.11	ug/l	98
4) Vinyl Chloride	2.18	62	942942	95.18	ug/l	99
5) Bromomethane	2.54	94	824138	91.07	ug/l	99
6) Chloroethane	2.69	64	674723	91.49	ug/l	99
7) Trichlorofluoromethane	3.00	101	1543224	106.63	ug/l	99
8) Diethyl Ether	3.41	74	392259	98.45	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.75	101	726360	92.17	ug/l	99
10) Methyl Iodide	3.95	142	1119811	119.52	ug/l	96
11) Tert butyl alcohol	4.80	59	344547	515.07	ug/l	100
12) 1,1-Dichloroethene	3.73	96	675747	97.27	ug/l	91
13) Acrolein	3.61	56	369450	634.76	ug/l	98
14) Allyl chloride	4.32	41	854939	97.76	ug/l	# 77
15) Acrylonitrile	4.99	53	1160621	541.54	ug/l	99
16) Acetone	3.82	43	911142	436.58	ug/l	98
17) Carbon Disulfide	4.05	76	1861644	100.09	ug/l	99
18) Methyl Acetate	4.33	43	520241	87.99	ug/l	# 88
19) Methyl tert-butyl Ether	5.05	73	2173188	100.08	ug/l	93
20) Methylene Chloride	4.55	84	786427	93.97	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	797998	98.36	ug/l	88
22) Diisopropyl ether	5.96	45	1877290	96.79	ug/l	# 89
23) Vinyl Acetate	5.90	43	7152283	515.04	ug/l	# 91
24) 1,1-Dichloroethane	5.85	63	1275141	95.35	ug/l	96
25) 2-Butanone	6.84	43	1390496	489.73	ug/l	# 87
26) 2,2-Dichloropropane	6.82	77	1314306	97.39	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	947895	102.15	ug/l	88
28) Bromochloromethane	7.20	49	532206	94.34	ug/l	# 61
29) Tetrahydrofuran	7.22	42	845146	506.60	ug/l	# 79
30) Chloroform	7.37	83	1552412	97.92	ug/l	99
31) Cyclohexane	7.65	56	1086818	79.32	ug/l	# 81
32) 1,1,1-Trichloroethane	7.57	97	1498523	102.00	ug/l	96
36) 1,1-Dichloropropene	7.80	75	1108331	96.34	ug/l	94
37) Ethyl Acetate	6.93	43	599157	103.87	ug/l	# 95
38) Carbon Tetrachloride	7.78	117	1379629	107.44	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1425711	102.87	ug/l #	88
40) Benzene	8.04	78	3348698	102.72	ug/l	100
41) Methacrylonitrile	7.18	41	310338	113.36	ug/l	90
42) 1,2-Dichloroethane	8.13	62	1077943	99.95	ug/l	100
43) Isopropyl Acetate	8.17	43	1169516	77.35	ug/l #	96
44) Trichloroethene	8.84	130	1035776	105.76	ug/l	95
45) 1,2-Dichloropropane	9.12	63	764056	98.27	ug/l	98
46) Dibromomethane	9.21	93	612740	105.42	ug/l	99
47) Bromodichloromethane	9.40	83	1245062	108.34	ug/l	98
48) Methyl methacrylate	9.20	41	542947	106.49	ug/l #	79
49) 1,4-Dioxane	9.20	88	208633	2573.07	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	3148967	529.32	ug/l	96
52) Toluene	10.16	92	2339560	109.70	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1301482	115.63	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1377590	108.99	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	863003	106.34	ug/l	97
56) Ethyl methacrylate	10.43	69	1065577	114.61	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	1312194	102.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2276386	558.70	ug/l #	87
59) 2-Hexanone	10.75	43	2242763	539.16	ug/l	96
60) Dibromochloromethane	10.90	129	1111172	121.75	ug/l	98
61) 1,2-Dibromoethane	11.01	107	946904	117.42	ug/l	99
64) Tetrachloroethene	10.63	164	997628	96.09	ug/l	99
65) Chlorobenzene	11.44	112	2749796	102.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1073471	106.73	ug/l	99
67) Ethyl Benzene	11.51	91	4575337	103.56	ug/l	96
68) m/p-Xylenes	11.62	106	3821995	217.52	ug/l	93
69) o-Xylene	11.95	106	1855458	108.91	ug/l	93
70) Styrene	11.96	104	3027001	119.26	ug/l	98
71) Bromoform	12.13	173	830886	128.58	ug/l #	99
73) Isopropylbenzene	12.25	105	4971726	83.18	ug/l	98
74) N-amyl acetate	12.07	43	1090458	96.38	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	1100927	83.94	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	852584m	70.96	ug/l	
77) Bromobenzene	12.53	156	1318344	91.30	ug/l	86
78) n-propylbenzene	12.59	91	5463097	88.92	ug/l	95
79) 2-Chlorotoluene	12.68	91	3155369	83.81	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	4230027	88.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	328846	106.02	ug/l	95
82) 4-Chlorotoluene	12.77	91	3245836	92.51	ug/l	94
83) tert-Butylbenzene	12.99	119	3854248	86.09	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	4282652	90.62	ug/l	97
85) sec-Butylbenzene	13.17	105	5048822	87.64	ug/l	97
86) p-Isopropyltoluene	13.29	119	4697590	95.14	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2435640	102.46	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2379042	103.43	ug/l	99
89) n-Butylbenzene	13.62	91	3715012	104.59	ug/l	98
90) Hexachloroethane	13.88	117	824871	91.05	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	2342030	101.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	177787	96.46	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1237917	142.84	ug/l	99
94) Hexachlorobutadiene	15.01	225	704166	90.87	ug/l	100
95) Naphthalene	15.13	128	2730184	144.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1191256	129.99	ug/l	98

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

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