

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052791.D
 Acq On : 11 Dec 2018 9:43
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 11:33:05 AM

Quant Time: Dec 12 00:35:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	985179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1487831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1340537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	655051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	525951	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.59	113	420477	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	10.09	98	1854264	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	670218	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	371216	40.242	ug/l	100
3) Chloromethane	2.06	50	474237	38.947	ug/l	100
4) Vinyl Chloride	2.19	62	501612	40.103	ug/l	100
5) Bromomethane	2.57	94	296130	37.944	ug/l	99
6) Chloroethane	2.71	64	317454	41.899	ug/l	100
7) Trichlorofluoromethane	3.02	101	689180	44.855	ug/l	99
8) Diethyl Ether	3.41	74	266435	46.958	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	455962	47.559	ug/l	97
10) Methyl Iodide	3.96	142	561030	43.936	ug/l	99
11) Tert butyl alcohol	4.77	59	146642	273.069	ug/l	100
12) 1,1-Dichloroethene	3.74	96	414005	44.861	ug/l	96
13) Acrolein	3.61	56	155198	166.284	ug/l	99
14) Allyl chloride	4.33	41	670260	42.140	ug/l	93
15) Acrylonitrile	4.98	53	811635	238.761	ug/l	99
16) Acetone	3.81	43	660785	233.551	ug/l	99
17) Carbon Disulfide	4.06	76	1058434	36.445	ug/l	99
18) Methyl Acetate	4.32	43	422625	52.075	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	1201066	48.916	ug/l	100
20) Methylene Chloride	4.55	84	483480	43.668	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	448598	45.514	ug/l	96
22) Diisopropyl ether	5.95	45	1559778	46.686	ug/l	99
23) Vinyl Acetate	5.89	43	4555861	218.933	ug/l	98
24) 1,1-Dichloroethane	5.85	63	882254	46.250	ug/l	99
25) 2-Butanone	6.83	43	957479	238.759	ug/l	96
26) 2,2-Dichloropropane	6.82	77	677149	51.285	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	540616	47.087	ug/l	98
28) Bromochloromethane	7.20	49	415967	47.742	ug/l	94
29) Tetrahydrofuran	7.21	42	592319	228.996	ug/l	97
30) Chloroform	7.37	83	882132	46.350	ug/l	97
31) Cyclohexane	7.65	56	782413	42.320	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	728500	48.312	ug/l	98
36) 1,1-Dichloropropene	7.79	75	657208	46.776	ug/l	98
37) Ethyl Acetate	6.93	43	397312	46.336	ug/l	98
38) Carbon Tetrachloride	7.77	117	630533	49.574	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	808430	47.340	ug/l	99
40) Benzene	8.04	78	2007502	47.944	ug/l	100
41) Methacrylonitrile	7.17	41	229501	48.957	ug/l	97
42) 1,2-Dichloroethane	8.12	62	612460	48.308	ug/l	99
43) Isopropyl Acetate	8.16	43	771202	53.147	ug/l	97
44) Trichloroethene	8.83	130	544295	50.748	ug/l	100
45) 1,2-Dichloropropane	9.12	63	549400	49.353	ug/l	99
46) Dibromomethane	9.21	93	308041	49.986	ug/l	98
47) Bromodichloromethane	9.40	83	677096	50.535	ug/l	99
48) Methyl methacrylate	9.20	41	375920	49.683	ug/l	99
49) 1,4-Dioxane	9.20	88	87747	1117.428	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2050720	251.882	ug/l	99
52) Toluene	10.16	92	1243262	49.975	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	681398	52.864	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	796251	51.549	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	445032	50.856	ug/l	99
56) Ethyl methacrylate	10.43	69	589680	48.607	ug/l	97
57) 1,3-Dichloropropane	10.71	76	776295	50.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1633091	257.186	ug/l	98
59) 2-Hexanone	10.75	43	1463691	267.867	ug/l	98
60) Dibromochloromethane	10.90	129	502517	52.872	ug/l	99
61) 1,2-Dibromoethane	11.01	107	440599	50.693	ug/l	99
64) Tetrachloroethene	10.63	164	585388	56.322	ug/l	99
65) Chlorobenzene	11.43	112	1389934	50.284	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	501935	52.224	ug/l	100
67) Ethyl Benzene	11.51	91	2439345	50.394	ug/l	100
68) m/p-Xylenes	11.62	106	1845354	102.405	ug/l	99
69) o-Xylene	11.95	106	905861	51.766	ug/l	98
70) Styrene	11.96	104	1494434	53.618	ug/l	99
71) Bromoform	12.13	173	337224	52.991	ug/l	99
73) Isopropylbenzene	12.25	105	2433657	47.354	ug/l	99
74) N-amyl acetate	12.07	43	653628	50.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	509966	43.621	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	414417m	41.026	ug/l	
77) Bromobenzene	12.53	156	613283	48.279	ug/l	97
78) n-propylbenzene	12.59	91	2835978	48.574	ug/l	99
79) 2-Chlorotoluene	12.68	91	1633785	46.991	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2000054	48.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	150003	49.592	ug/l	97
82) 4-Chlorotoluene	12.77	91	1691179	48.263	ug/l	99
83) tert-Butylbenzene	12.99	119	1765389	48.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2032251	49.474	ug/l	100
85) sec-Butylbenzene	13.17	105	2441812	49.062	ug/l	99
86) p-Isopropyltoluene	13.29	119	2121177	50.039	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1116718	50.257	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1104426	50.461	ug/l	100
89) n-Butylbenzene	13.62	91	1861536	52.804	ug/l	100
90) Hexachloroethane	13.88	117	344264	47.964	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	1062590	50.054	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	81778	48.909	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	608921	52.227	ug/l	100
94) Hexachlorobutadiene	15.01	225	347977	50.952	ug/l	100
95) Naphthalene	15.13	128	1205737	48.966	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	544370	50.862	ug/l	100

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

