

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051752.D
 Acq On : 9 Oct 2018 16:51
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:09:31 AM

Quant Time: Oct 10 04:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	663303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	534098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	400988	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	7.59	113	377949	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.09	98	1384751	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	502479	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	387081	46.739	ug/l	99
3) Chloromethane	2.06	50	323775	42.772	ug/l	98
4) Vinyl Chloride	2.18	62	495874	41.586	ug/l	99
5) Bromomethane	2.56	94	417725	45.553	ug/l	99
6) Chloroethane	2.70	64	338767	42.271	ug/l	97
7) Trichlorofluoromethane	3.01	101	636214	51.284	ug/l	100
8) Diethyl Ether	3.41	74	170482	49.063	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	316747	47.792	ug/l	97
10) Methyl Iodide	3.95	142	419485	47.971	ug/l	100
11) Tert butyl alcohol	4.80	59	150887	253.372	ug/l	100
12) 1,1-Dichloroethene	3.74	96	280141	45.351	ug/l	96
13) Acrolein	3.61	56	64209	161.122	ug/l	98
14) Allyl chloride	4.33	41	390238	41.421	ug/l	98
15) Acrylonitrile	4.99	53	503554	245.039	ug/l	100
16) Acetone	3.82	43	397095	272.537	ug/l	99
17) Carbon Disulfide	4.05	76	752525	40.079	ug/l	100
18) Methyl Acetate	4.33	43	256755	53.087	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	965730	47.364	ug/l	99
20) Methylene Chloride	4.55	84	332573	46.131	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	329098	44.959	ug/l	93
22) Diisopropyl ether	5.96	45	886870	43.914	ug/l	97
23) Vinyl Acetate	5.90	43	3290188	221.569	ug/l	96
24) 1,1-Dichloroethane	5.85	63	577973	44.499	ug/l	98
25) 2-Butanone	6.84	43	612089	241.904	ug/l	94
26) 2,2-Dichloropropane	6.83	77	587705	45.152	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	400080	47.082	ug/l	94
28) Bromochloromethane	7.20	49	244577	42.534	ug/l	85
29) Tetrahydrofuran	7.21	42	380066	244.768	ug/l	93
30) Chloroform	7.37	83	691950	47.415	ug/l	98
31) Cyclohexane	7.66	56	498647	41.920	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	661731	46.782	ug/l	98
36) 1,1-Dichloropropene	7.80	75	487648	47.738	ug/l	97
37) Ethyl Acetate	6.93	43	257644	48.359	ug/l	97
38) Carbon Tetrachloride	7.78	117	606173	49.453	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	632353	49.315	ug/l	97
40) Benzene	8.04	78	1470688	48.566	ug/l	98
41) Methacrylonitrile	7.18	41	132394	48.219	ug/l	94
42) 1,2-Dichloroethane	8.13	62	494958	48.499	ug/l	99
43) Isopropyl Acetate	8.17	43	539272	48.549	ug/l #	86
44) Trichloroethene	8.84	130	445586	51.822	ug/l	100
45) 1,2-Dichloropropane	9.12	63	355664	47.504	ug/l	100
46) Dibromomethane	9.21	93	275287	52.898	ug/l	99
47) Bromodichloromethane	9.40	83	560196	48.899	ug/l	99
48) Methyl methacrylate	9.20	41	247911	48.843	ug/l	94
49) 1,4-Dioxane	9.20	88	88011	1156.391	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1436053	255.132	ug/l	98
52) Toluene	10.16	92	1010110	50.152	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	573085	48.480	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	605474	48.234	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	379705	52.921	ug/l	98
56) Ethyl methacrylate	10.43	69	477617	52.639	ug/l	94
57) 1,3-Dichloropropane	10.71	76	584177	51.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	959269	255.450	ug/l	95
59) 2-Hexanone	10.75	43	976620	255.485	ug/l	98
60) Dibromochloromethane	10.90	129	487680	51.939	ug/l	100
61) 1,2-Dibromoethane	11.01	107	405136	53.413	ug/l	99
64) Tetrachloroethene	10.63	164	424909	51.613	ug/l	98
65) Chlorobenzene	11.43	112	1188052	51.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	469338	50.720	ug/l	99
67) Ethyl Benzene	11.51	91	1997014	49.994	ug/l	100
68) m/p-Xylenes	11.62	106	1625879	101.727	ug/l	98
69) o-Xylene	11.95	106	793877	50.648	ug/l	99
70) Styrene	11.96	104	1276506	51.109	ug/l	98
71) Bromoform	12.13	173	351967	51.137	ug/l #	100
73) Isopropylbenzene	12.25	105	2139103	46.984	ug/l	100
74) N-amyl acetate	12.07	43	462328	49.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	483352	55.155	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	412919m	63.314	ug/l	
77) Bromobenzene	12.53	156	544560	48.917	ug/l	95
78) n-propylbenzene	12.59	91	2343189	47.186	ug/l	99
79) 2-Chlorotoluene	12.68	91	1373378	46.926	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1817701	47.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	137766	47.415	ug/l	99
82) 4-Chlorotoluene	12.77	91	1405812	47.816	ug/l	98
83) tert-Butylbenzene	12.99	119	1671742	48.625	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1844663	47.998	ug/l	98
85) sec-Butylbenzene	13.17	105	2198681	48.347	ug/l	100
86) p-Isopropyltoluene	13.29	119	1986910	49.283	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1000119	51.558	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	961981	50.383	ug/l	100
89) n-Butylbenzene	13.62	91	1580516	49.582	ug/l	99
90) Hexachloroethane	13.88	117	367432	45.679	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	977151	50.672	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78517	49.093	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	499516	58.213	ug/l	98
94) Hexachlorobutadiene	15.01	225	308474	52.984	ug/l	98
95) Naphthalene	15.13	128	1068587	57.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	481342	56.957	ug/l	98

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

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