

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051110.D
 Acq On : 11 Sep 2018 7:56
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 10:06:37 AM

Quant Time: Sep 12 01:16:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	704840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	990172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	895829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	462472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	383599	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.59	113	374619	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.09	98	1441461	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.40	95	484704	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	312200	45.93	ug/l	99
3) Chloromethane	2.06	50	414006	47.13	ug/l	99
4) Vinyl Chloride	2.18	62	426490	45.71	ug/l	98
5) Bromomethane	2.56	94	258417	49.06	ug/l	98
6) Chloroethane	2.70	64	262353	45.56	ug/l	98
7) Trichlorofluoromethane	3.01	101	576995	46.67	ug/l	99
8) Diethyl Ether	3.41	74	218200	47.99	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	377625	47.38	ug/l	99
10) Methyl Iodide	3.95	142	342143	46.37	ug/l	99
11) Tert butyl alcohol	4.79	59	130527	217.86	ug/l	99
12) 1,1-Dichloroethene	3.73	96	349805	46.53	ug/l	98
13) Acrolein	3.61	56	173441	238.42	ug/l	97
14) Allyl chloride	4.32	41	546375	47.70	ug/l	99
15) Acrylonitrile	4.99	53	621762	234.21	ug/l	99
16) Acetone	3.82	43	533014	275.42	ug/l	99
17) Carbon Disulfide	4.05	76	1026576	46.34	ug/l	100
18) Methyl Acetate	4.32	43	284034	45.22	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	968332	48.72	ug/l	100
20) Methylene Chloride	4.55	84	395162	45.61	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	375407	46.03	ug/l	100
22) Diisopropyl ether	5.95	45	1125721	49.51	ug/l	97
23) Vinyl Acetate	5.90	43	3810362	247.63	ug/l	100
24) 1,1-Dichloroethane	5.85	63	678656	47.04	ug/l	100
25) 2-Butanone	6.83	43	745776	241.83	ug/l	100
26) 2,2-Dichloropropane	6.82	77	556095	47.10	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	419598	46.90	ug/l	100
28) Bromochloromethane	7.19	49	303886	47.33	ug/l	100
29) Tetrahydrofuran	7.21	42	459019	238.35	ug/l	99
30) Chloroform	7.37	83	673773	46.95	ug/l	100
31) Cyclohexane	7.65	56	624456	48.54	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	582120	47.60	ug/l	99
36) 1,1-Dichloropropene	7.79	75	532330	48.97	ug/l	100
37) Ethyl Acetate	6.93	43	307656	48.86	ug/l	99
38) Carbon Tetrachloride	7.77	117	514084	48.05	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	614093	51.20	ug/l	99
40) Benzene	8.04	78	1591431	48.58	ug/l	99
41) Methacrylonitrile	7.17	41	142145	43.76	ug/l	93
42) 1,2-Dichloroethane	8.12	62	462792	48.47	ug/l	100
43) Isopropyl Acetate	8.16	43	556268	50.07	ug/l	100
44) Trichloroethene	8.83	130	431711	48.18	ug/l	99
45) 1,2-Dichloropropane	9.12	63	411965	48.67	ug/l	100
46) Dibromomethane	9.21	93	241764	46.81	ug/l	99
47) Bromodichloromethane	9.40	83	515603	49.10	ug/l	98
48) Methyl methacrylate	9.20	41	270063	49.88	ug/l	100
49) 1,4-Dioxane	9.20	88	82246	968.78	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1511472	246.03	ug/l	100
52) Toluene	10.16	92	998436	49.98	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	529235	50.35	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	622530	50.52	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	353784	48.76	ug/l	99
56) Ethyl methacrylate	10.43	69	452809	46.67	ug/l	100
57) 1,3-Dichloropropane	10.71	76	586444	48.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	940094	230.90	ug/l	99
59) 2-Hexanone	10.75	43	1047524	251.42	ug/l	100
60) Dibromochloromethane	10.90	129	400584	48.98	ug/l	100
61) 1,2-Dibromoethane	11.00	107	351094	49.50	ug/l	100
64) Tetrachloroethene	10.63	164	389329	47.63	ug/l	98
65) Chlorobenzene	11.43	112	1098616	48.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	396258	48.74	ug/l	100
67) Ethyl Benzene	11.51	91	1871952	51.19	ug/l	99
68) m/p-Xylenes	11.62	106	1460653	103.96	ug/l	99
69) o-Xylene	11.95	106	708296	52.06	ug/l	100
70) Styrene	11.96	104	1141640	54.09	ug/l	99
71) Bromoform	12.13	173	281725	49.22	ug/l #	99
73) Isopropylbenzene	12.25	105	1852373	47.76	ug/l	100
74) N-amyl acetate	12.07	43	475202	48.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	440469	49.48	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	367956m	51.36	ug/l	
77) Bromobenzene	12.53	156	478539	45.94	ug/l	98
78) n-propylbenzene	12.59	91	2096470	49.18	ug/l	100
79) 2-Chlorotoluene	12.67	91	1245887	46.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1523635	48.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	117448	48.23	ug/l	99
82) 4-Chlorotoluene	12.77	91	1250213	47.27	ug/l	100
83) tert-Butylbenzene	12.99	119	1349008	48.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1545679	50.13	ug/l	99
85) sec-Butylbenzene	13.17	105	1739560	49.00	ug/l	100
86) p-Isopropyltoluene	13.29	119	1555309	51.67	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	825042	46.68	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	809441	49.88	ug/l	100
89) n-Butylbenzene	13.61	91	1239391	52.90	ug/l	99
90) Hexachloroethane	13.87	117	265971	48.51	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	793128	46.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63073	47.65	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	377393	45.72	ug/l	99
94) Hexachlorobutadiene	15.01	225	261385	52.16	ug/l	100
95) Naphthalene	15.13	128	724885	42.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	363056	45.92	ug/l	100

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

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