

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051239.D
 Acq On : 15 Sep 2018 22:28
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 08:42:48 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	7.67	168	610562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	848343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	286023	42.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.20%	
35) Dibromofluoromethane	7.59	113	286337	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
50) Toluene-d8	10.09	98	1057614	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.40	95	341737	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	278608	47.32	ug/l	98
3) Chloromethane	2.06	50	362349	47.63	ug/l	100
4) Vinyl Chloride	2.18	62	371730	45.99	ug/l	98
5) Bromomethane	2.56	94	197744	43.23	ug/l	99
6) Chloroethane	2.70	64	220167	44.14	ug/l	98
7) Trichlorofluoromethane	3.01	101	496432	46.35	ug/l	98
8) Diethyl Ether	3.41	74	167409	42.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	306309	44.37	ug/l	99
10) Methyl Iodide	3.95	142	284812	44.78	ug/l	97
11) Tert butyl alcohol	4.79	59	80416	154.95	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	289219	44.41	ug/l	98
13) Acrolein	3.61	56	145178	231.20	ug/l	100
14) Allyl chloride	4.33	41	410425	41.36	ug/l	98
15) Acrylonitrile	4.99	53	463455	201.53	ug/l	99
16) Acetone	3.82	43	303672	179.10	ug/l	98
17) Carbon Disulfide	4.05	76	884890	46.11	ug/l	100
18) Methyl Acetate	4.33	43	212971	39.14	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	728120	42.29	ug/l	100
20) Methylene Chloride	4.55	84	329681	43.93	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	312377	44.22	ug/l	99
22) Diisopropyl ether	5.96	45	912851	46.35	ug/l	95
23) Vinyl Acetate	5.90	43	2917187	218.86	ug/l	99
24) 1,1-Dichloroethane	5.85	63	562627	45.02	ug/l	100
25) 2-Butanone	6.84	43	474100	177.47	ug/l	99
26) 2,2-Dichloropropane	6.83	77	339818	33.22	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	340357	43.92	ug/l	98
28) Bromochloromethane	7.20	49	233607	42.00	ug/l	99
29) Tetrahydrofuran	7.21	42	328019	196.63	ug/l	99
30) Chloroform	7.37	83	571472	45.97	ug/l	99
31) Cyclohexane	7.66	56	498678	44.73	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	488884	46.15	ug/l	100
36) 1,1-Dichloropropene	7.80	75	438217	47.05	ug/l	100
37) Ethyl Acetate	6.93	43	222981	41.34	ug/l	99
38) Carbon Tetrachloride	7.77	117	446048	48.66	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	478700	46.58	ug/l	99
40) Benzene	8.04	78	1333391	47.51	ug/l	99
41) Methacrylonitrile	7.21	41	316862	113.85	ug/l #	13
42) 1,2-Dichloroethane	8.13	62	383375	46.86	ug/l	100
43) Isopropyl Acetate	8.17	43	419960	44.12	ug/l	99
44) Trichloroethene	8.84	130	355606	46.32	ug/l	98
45) 1,2-Dichloropropane	9.12	63	344162	47.46	ug/l	100
46) Dibromomethane	9.21	93	200264	45.26	ug/l	99
47) Bromodichloromethane	9.40	83	435907	48.45	ug/l	97
48) Methyl methacrylate	9.20	41	197641	42.61	ug/l	99
49) 1,4-Dioxane	9.20	88	54889	754.63	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1086674	206.45	ug/l	99
52) Toluene	10.16	92	826964	48.32	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	401980	44.64	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	486342	46.06	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	286740	46.12	ug/l	99
56) Ethyl methacrylate	10.43	69	337720	40.95	ug/l	99
57) 1,3-Dichloropropane	10.71	76	476139	46.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	657261	191.22	ug/l	99
59) 2-Hexanone	10.75	43	687094	192.48	ug/l	100
60) Dibromochloromethane	10.90	129	336916	48.08	ug/l	100
61) 1,2-Dibromoethane	11.01	107	279718	46.03	ug/l	100
64) Tetrachloroethene	10.63	164	335165	47.94	ug/l	99
65) Chlorobenzene	11.43	112	898935	46.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	336910	48.46	ug/l	99
67) Ethyl Benzene	11.51	91	1508577	48.24	ug/l	99
68) m/p-Xylenes	11.62	106	1189894	99.02	ug/l	99
69) o-Xylene	11.95	106	566398	48.68	ug/l	100
70) Styrene	11.96	104	924678	51.23	ug/l	100
71) Bromoform	12.13	173	225181	46.00	ug/l #	100
73) Isopropylbenzene	12.25	105	1489579	45.95	ug/l	100
74) N-amyl acetate	12.07	43	317546	38.92	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	333617	44.69	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	382786	64.30	ug/l #	100
77) Bromobenzene	12.53	156	385412	44.27	ug/l	96
78) n-propylbenzene	12.59	91	1645251	46.17	ug/l	100
79) 2-Chlorotoluene	12.67	91	990075	44.46	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1238048	47.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	74863	36.78	ug/l	99
82) 4-Chlorotoluene	12.77	91	983180	44.47	ug/l	99
83) tert-Butylbenzene	12.99	119	1073784	46.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1232343	47.82	ug/l	99
85) sec-Butylbenzene	13.17	105	1360309	45.84	ug/l	100
86) p-Isopropyltoluene	13.29	119	1208007	48.01	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	645464	43.69	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	628796	46.36	ug/l	99
89) n-Butylbenzene	13.62	91	879436	44.91	ug/l	99
90) Hexachloroethane	13.87	117	221228	48.27	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	627766	43.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43222	39.18	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	255298	37.76	ug/l	99
94) Hexachlorobutadiene	15.01	225	203359	48.42	ug/l	99
95) Naphthalene	15.13	128	438800	32.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	246425	37.84	ug/l	99

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

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