

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051446.D
 Acq On : 24 Sep 2018 8:26
 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
 9/25/2018 11:30:58 AM

Quant Time: Sep 25 02:06:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	517829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	691009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	632824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	333018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	311102	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.59	113	275758	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.09	98	1039544	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	338810	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	221022	45.750	ug/l	99
3) Chloromethane	2.06	50	369445	48.039	ug/l	98
4) Vinyl Chloride	2.18	62	404120	47.610	ug/l	98
5) Bromomethane	2.56	94	239935	47.172	ug/l	100
6) Chloroethane	2.70	64	252727	47.783	ug/l	98
7) Trichlorofluoromethane	3.01	101	520823	46.845	ug/l	99
8) Diethyl Ether	3.41	74	145946	41.419	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	276050	43.994	ug/l	98
10) Methyl Iodide	3.95	142	369900	44.408	ug/l	97
11) Tert butyl alcohol	4.78	59	73897	201.852	ug/l #	93
12) 1,1-Dichloroethene	3.73	96	236491	41.047	ug/l	99
13) Acrolein	3.61	56	74813	205.794	ug/l	98
14) Allyl chloride	4.32	41	415460	42.980	ug/l	99
15) Acrylonitrile	4.99	53	432609	217.228	ug/l	98
16) Acetone	3.82	43	336348	231.552	ug/l	99
17) Carbon Disulfide	4.05	76	718732	42.461	ug/l	100
18) Methyl Acetate	4.32	43	218092	44.146	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	663411	44.653	ug/l	98
20) Methylene Chloride	4.55	84	290232	45.215	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	265641	45.071	ug/l	99
22) Diisopropyl ether	5.95	45	901519	48.248	ug/l	98
23) Vinyl Acetate	5.90	43	2842294	231.700	ug/l	99
24) 1,1-Dichloroethane	5.85	63	522119	46.833	ug/l	99
25) 2-Butanone	6.84	43	506885	228.301	ug/l	96
26) 2,2-Dichloropropane	6.82	77	438372	50.373	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	299567	46.322	ug/l	97
28) Bromochloromethane	7.19	49	253937	49.324	ug/l	98
29) Tetrahydrofuran	7.21	42	317890	225.935	ug/l	98
30) Chloroform	7.37	83	531927	48.152	ug/l	99
31) Cyclohexane	7.65	56	469210	45.937	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	457264	48.419	ug/l	99
36) 1,1-Dichloropropene	7.79	75	402483	50.298	ug/l	98
37) Ethyl Acetate	6.93	43	219399	47.686	ug/l	99
38) Carbon Tetrachloride	7.77	117	421688	50.382	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	473557	50.624	ug/l	97
40) Benzene	8.04	78	1181151	50.271	ug/l	100
41) Methacrylonitrile	7.17	41	96366	37.859	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	381194	50.668	ug/l	99
43) Isopropyl Acetate	8.16	43	418431	50.295	ug/l	96
44) Trichloroethene	8.83	130	305012	48.875	ug/l	99
45) 1,2-Dichloropropane	9.12	63	321624	50.357	ug/l	99
46) Dibromomethane	9.21	93	182863	50.673	ug/l	98
47) Bromodichloromethane	9.40	83	407701	51.052	ug/l	100
48) Methyl methacrylate	9.20	41	201272	48.524	ug/l	99
49) 1,4-Dioxane	9.20	88	47291	930.294	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1098820	240.154	ug/l	100
52) Toluene	10.16	92	732624	50.174	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	403927	50.099	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	471943	50.476	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	257032	49.808	ug/l	99
56) Ethyl methacrylate	10.43	69	310145	49.157	ug/l	99
57) 1,3-Dichloropropane	10.71	76	440657	49.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	811674	238.717	ug/l	100
59) 2-Hexanone	10.75	43	743734	250.744	ug/l	98
60) Dibromochloromethane	10.90	129	306972	50.417	ug/l	99
61) 1,2-Dibromoethane	11.00	107	248135	49.532	ug/l	98
64) Tetrachloroethene	10.63	164	301811	52.551	ug/l	99
65) Chlorobenzene	11.43	112	789303	48.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	310570	50.207	ug/l	99
67) Ethyl Benzene	11.51	91	1376839	50.318	ug/l	100
68) m/p-Xylenes	11.62	106	1089302	102.920	ug/l	100
69) o-Xylene	11.95	106	504178	49.552	ug/l	97
70) Styrene	11.96	104	828848	51.408	ug/l	100
71) Bromoform	12.13	173	198916	47.391	ug/l	100
73) Isopropylbenzene	12.25	105	1382472	49.202	ug/l	100
74) N-amyl acetate	12.07	43	325363	46.151	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	299697	45.740	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	259858m	47.005	ug/l	
77) Bromobenzene	12.53	156	337243	47.412	ug/l	99
78) n-propylbenzene	12.59	91	1599001	50.494	ug/l	99
79) 2-Chlorotoluene	12.67	91	932915	49.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1169974	51.065	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	82886	46.102	ug/l	97
82) 4-Chlorotoluene	12.77	91	940165	49.693	ug/l	99
83) tert-Butylbenzene	12.99	119	1010753	49.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1181042	51.156	ug/l	99
85) sec-Butylbenzene	13.17	105	1390205	50.391	ug/l	100
86) p-Isopropyltoluene	13.29	119	1220142	51.112	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	603297	49.012	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	580598	49.022	ug/l	98
89) n-Butylbenzene	13.61	91	998855	50.884	ug/l	99
90) Hexachloroethane	13.87	117	229186	48.185	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	575651	48.199	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43105	46.098	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	278902	44.115	ug/l	100
94) Hexachlorobutadiene	15.01	225	223978	49.566	ug/l	98
95) Naphthalene	15.13	128	464093	39.496	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	270451	47.187	ug/l	98

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

