

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049219.D
 Acq On : 14 Jun 2018 11:07
 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
 6/15/2018 1:15:18 PM

Quant Time: Jun 14 17:04:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	860526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1321949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1250704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	623892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	677000	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.59	113	554540	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.09	98	2105649	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	714835	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	522248	42.133	ug/l	99
3) Chloromethane	2.06	50	524156	41.386	ug/l	99
4) Vinyl Chloride	2.18	62	530678	40.862	ug/l	97
5) Bromomethane	2.56	94	287005	38.102	ug/l	99
6) Chloroethane	2.70	64	361163	41.181	ug/l	98
7) Trichlorofluoromethane	3.01	101	754692	41.273	ug/l	100
8) Diethyl Ether	3.41	74	225844	33.259	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	391710	33.092	ug/l	99
10) Methyl Iodide	3.95	142	414065	35.976	ug/l	99
11) Tert butyl alcohol	4.80	59	183180	241.855	ug/l	97
12) 1,1-Dichloroethene	3.73	96	347082	32.292	ug/l	99
13) Acrolein	3.61	56	189230	183.501	ug/l	99
14) Allyl chloride	4.32	41	681933	33.785	ug/l	98
15) Acrylonitrile	4.99	53	1038202	254.675	ug/l	99
16) Acetone	3.82	43	708374	213.359	ug/l	99
17) Carbon Disulfide	4.05	76	1130928	30.844	ug/l	99
18) Methyl Acetate	4.33	43	354081	35.082	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1486476	50.758	ug/l	99
20) Methylene Chloride	4.55	84	455154	33.757	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	540067	45.326	ug/l	100
22) Diisopropyl ether	5.95	45	2060279	51.138	ug/l	97
23) Vinyl Acetate	5.90	43	7017530	263.509	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1124266	46.827	ug/l	98
25) 2-Butanone	6.84	43	1278536	268.935	ug/l	98
26) 2,2-Dichloropropane	6.82	77	867228	48.170	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	623783	48.072	ug/l	99
28) Bromochloromethane	7.19	49	572807	50.268	ug/l	100
29) Tetrahydrofuran	7.21	42	790716	258.533	ug/l	98
30) Chloroform	7.37	83	1090859	47.287	ug/l	100
31) Cyclohexane	7.65	56	982679	47.524	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	888346	44.709	ug/l	99
36) 1,1-Dichloropropene	7.79	75	818014	49.527	ug/l	99
37) Ethyl Acetate	6.93	43	545073	52.278	ug/l	99
38) Carbon Tetrachloride	7.77	117	775521	46.608	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	858180	50.299	ug/l	98
40) Benzene	8.04	78	2503057	50.021	ug/l	99
41) Methacrylonitrile	7.17	41	295517	50.099	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	820756	49.699	ug/l	99
43) Isopropyl Acetate	8.17	43	993320	51.816	ug/l	98
44) Trichloroethene	8.83	130	594130	47.549	ug/l	100
45) 1,2-Dichloropropane	9.12	63	699705	50.838	ug/l	98
46) Dibromomethane	9.21	93	389359	51.205	ug/l	97
47) Bromodichloromethane	9.40	83	857019	50.040	ug/l	98
48) Methyl methacrylate	9.20	41	495958	52.947	ug/l	93
49) 1,4-Dioxane	9.20	88	110998	1003.435	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2677377	262.245	ug/l	97
52) Toluene	10.16	92	1482022	50.903	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	857397	52.656	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1002507	53.129	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	541985	50.725	ug/l	98
56) Ethyl methacrylate	10.43	69	709866	55.111	ug/l #	93
57) 1,3-Dichloropropane	10.71	76	950818	51.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1171311	239.975	ug/l	99
59) 2-Hexanone	10.75	43	1776334	279.227	ug/l	98
60) Dibromochloromethane	10.90	129	610222	51.499	ug/l	98
61) 1,2-Dibromoethane	11.01	107	505353	51.139	ug/l	100
64) Tetrachloroethene	10.63	164	595412	47.515	ug/l	99
65) Chlorobenzene	11.44	112	1564971	48.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	593461	48.356	ug/l	98
67) Ethyl Benzene	11.51	91	2810257	50.488	ug/l	99
68) m/p-Xylenes	11.62	106	2125618	104.429	ug/l	100
69) o-Xylene	11.95	106	1024100	52.243	ug/l	98
70) Styrene	11.97	104	1682692	54.220	ug/l	99
71) Bromoform	12.13	173	388542	50.654	ug/l #	99
73) Isopropylbenzene	12.25	105	2681274	44.744	ug/l	99
74) N-amyl acetate	12.07	43	832484	48.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	655286	53.585	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	529962m	51.347	ug/l	
77) Bromobenzene	12.53	156	643868	50.438	ug/l	99
78) n-propylbenzene	12.59	91	3191100	47.936	ug/l	99
79) 2-Chlorotoluene	12.68	91	1908011	45.447	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2251281	48.998	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	180137	48.240	ug/l	94
82) 4-Chlorotoluene	12.77	91	1906155	47.866	ug/l	100
83) tert-Butylbenzene	12.99	119	1834234	46.342	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2282925	49.989	ug/l	99
85) sec-Butylbenzene	13.17	105	2523231	47.818	ug/l	99
86) p-Isopropyltoluene	13.29	119	2154262	50.408	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1151568	49.121	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1122281	48.605	ug/l	100
89) n-Butylbenzene	13.62	91	1796622	48.093	ug/l	99
90) Hexachloroethane	13.88	117	421618	48.775	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1125522	48.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	99646	47.806	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	460250	46.778	ug/l	99
94) Hexachlorobutadiene	15.01	225	320788	45.998	ug/l	99
95) Naphthalene	15.14	128	929499	43.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	468136	51.402	ug/l	99

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

