Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062118\
Data File : VN049478.D
Acq On : 21 Jun 2018 19:36
Operator : MD\SY
Sample : VN0621WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0621WBSD01

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6/22/2018 1:58:10 PM

Quant Time: Jun 22 04:47:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1441420	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	2133070	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1921274	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	909546	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	897085	46.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.84%				
35) Dibromofluoromethane	7.59	113	800211	46.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.74%				
50) Toluene-d8	10.09	98	2961894	45.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.14%				
62) 4-Bromofluorobenzene	12.40	95	981038	45.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	303641	18.30	ug/l		99
3) Chloromethane	2.06	50	380769	17.77	ug/l		99
4) Vinyl Chloride	2.18	62	414194	18.19	ug/l		99
5) Bromomethane	2.57	94	226128	18.89	ug/l		96
6) Chloroethane	2.70	64	262173	19.31	ug/l		99
7) Trichlorofluoromethane	3.02	101	543341	19.13	ug/l		100
8) Diethyl Ether	3.41	74	196512	19.82	ug/l		91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	337968	18.76	ug/l		94
10) Methyl Iodide	3.95	142	363744	19.40	ug/l		92
11) Tert butyl alcohol	4.80	59	115989	103.37	ug/l		99
12) 1,1-Dichloroethene	3.73	96	304067	18.40	ug/l		90
13) Acrolein	3.61	56	117835	100.14	ug/l		100
14) Allyl chloride	4.32	41	497825	19.08	ug/l		89
15) Acrylonitrile	4.99	53	578961	103.19	ug/l		98
16) Acetone	3.82	43	472172	101.72	ug/l		91
17) Carbon Disulfide	4.05	76	881131	17.01	ug/l		99
18) Methyl Acetate	4.33	43	322309	22.77	ug/l		95
19) Methyl tert-butyl Ether	5.05	73	846223	20.08	ug/l		99
20) Methylene Chloride	4.55	84	368515	19.01	ug/l		91
21) trans-1,2-Dichloroethene	5.04	96	323877	18.51	ug/l		95
22) Diisopropyl ether	5.96	45	1057108	20.29	ug/l		97
23) Vinyl Acetate	5.90	43	3370391	99.21	ug/l		96
24) 1,1-Dichloroethane	5.85	63	631999	18.95	ug/l		99
25) 2-Butanone	6.84	43	654288	104.97	ug/l		95
26) 2,2-Dichloropropane	6.82	77	518771	19.26	ug/l		97
27) cis-1,2-Dichloroethene	6.83	96	373817	19.22	ug/l		92
28) Bromochloromethane	7.20	49	267760	18.11	ug/l	#	83
29) Tetrahydrofuran	7.22	42	423493	105.55	ug/l		95
30) Chloroform	7.37	83	638679	19.24	ug/l		99
31) Cyclohexane	7.65	56	535541	18.83	ug/l		92
32) 1,1,1-Trichloroethane	7.57	97	547036	19.31	ug/l		97
36) 1,1-Dichloropropene	7.80	75	465621	19.05	ug/l		98
37) Ethyl Acetate	6.94	43	286361	21.55	ug/l	#	97
38) Carbon Tetrachloride	7.78	117	483144	19.09	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	476250	18.15	ug/l		99
40) Benzene	8.04	78	1439857	19.21	ug/l		99
41) Methacrylonitrile	7.18	41	136774	19.04	ug/l	#	100
42) 1,2-Dichloroethane	8.13	62	455221	19.66	ug/l		96
43) Isopropyl Acetate	8.17	43	561615	22.12	ug/l		98
44) Trichloroethene	8.84	130	386719	19.54	ug/l		97
45) 1,2-Dichloropropane	9.12	63	382192	19.48	ug/l		99
46) Dibromomethane	9.21	93	225720	19.84	ug/l		92
47) Bromodichloromethane	9.41	83	485245	19.41	ug/l		97
48) Methyl methacrylate	9.20	41	257840	21.56	ug/l		89
49) 1,4-Dioxane	9.20	88	66631	403.72	ug/l		95
51) 4-Methyl-2-Pentanone	9.99	43	1443894	108.49	ug/l		95
52) Toluene	10.16	92	874883	19.89	ug/l		98
53) t-1,3-Dichloropropene	10.38	75	456928	19.10	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	543814	19.25	ug/l		90
55) 1,1,2-Trichloroethane	10.56	97	320357	19.54	ug/l		99
56) Ethyl methacrylate	10.43	69	389722	20.60	ug/l	#	87
57) 1,3-Dichloropropane	10.71	76	533690	19.65	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	436914	75.22	ug/l		95
59) 2-Hexanone	10.75	43	931109	108.52	ug/l		93
60) Dibromochloromethane	10.90	129	362474	19.80	ug/l		98
61) 1,2-Dibromoethane	11.01	107	304673	19.99	ug/l		99
64) Tetrachloroethene	10.63	164	421330	21.40	ug/l		97
65) Chlorobenzene	11.44	112	946494	19.12	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	356983	19.17	ug/l		99
67) Ethyl Benzene	11.51	91	1575101	19.19	ug/l		97
68) m/p-Xylenes	11.63	106	1223808	39.72	ug/l		97
69) o-Xylene	11.95	106	586896	19.78	ug/l		95
70) Styrene	11.97	104	942131	20.12	ug/l		98
71) Bromoform	12.13	173	238897	19.82	ug/l	#	100
73) Isopropylbenzene	12.25	105	1563876	19.58	ug/l		98
74) N-amyl acetate	12.07	43	394102	20.15	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.51	83	366776	21.03	ug/l		99
76) 1,2,3-Trichloropropane	12.56	75	323750m	20.86	ug/l		
77) Bromobenzene	12.53	156	398205	18.88	ug/l		92
78) n-propylbenzene	12.59	91	1738613	19.83	ug/l		99
79) 2-Chlorotoluene	12.68	91	1073287	19.32	ug/l		97
80) 1,3,5-Trimethylbenzene	12.74	105	1260590	20.08	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	101013	20.57	ug/l		89
82) 4-Chlorotoluene	12.78	91	1055845	19.70	ug/l		97
83) tert-Butylbenzene	13.00	119	1090143	19.60	ug/l		97
84) 1,2,4-Trimethylbenzene	13.04	105	1267134	20.32	ug/l		99
85) sec-Butylbenzene	13.17	105	1419679	19.18	ug/l		99
86) p-Isopropyltoluene	13.29	119	1191773	19.27	ug/l		99
87) 1,3-Dichlorobenzene	13.29	146	663250	19.11	ug/l		98
88) 1,4-Dichlorobenzene	13.37	146	634988	18.46	ug/l		99
89) n-Butylbenzene	13.62	91	861523	17.84	ug/l		97
90) Hexachloroethane	13.88	117	247668	20.15	ug/l		92
91) 1,2-Dichlorobenzene	13.66	146	657525	19.32	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57878	20.82	ug/l		92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	212778	17.09	ug/l	100
94) Hexachlorobutadiene	15.01	225	204676	18.87	ug/l	99
95) Naphthalene	15.14	128	436833	18.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	233905	17.74	ug/l	98

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

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