Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091838.D
Acq On : 21 Dec 2016 17:28
Operator : UM/SJ
Sample : H6103-05
Misc : LOD 1PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER-05-QT1-2017

Manual Integrations APPROVED
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12/22/2016 7:08:45 PM

Quant Time: Dec 22 02:50:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	238035	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	1038285	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	522420	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	960291	20.00	ng		0.00
75) Chrysene-d12	13.89	240	773664	20.00	ng		-0.01
86) Perylene-d12	15.30	264	686056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2088071	146.47	ng		0.02
7) Phenol-d6	6.40	99	2058314	118.26	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1387732	74.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	610598	141.23	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2655908	107.59	ng		0.00
78) Terphenyl-d14	12.85	244	2115513	66.32	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.24	79	23338m	0.95	ng		
4) n-Nitrosodimethylamine	3.10	42	6930m	0.75	ng		
6) Aniline	6.41	93	20333	0.90	ng		96
8) 2-Chlorophenol	6.53	128	16682	1.03	ng		91
9) Benzaldehyde	6.29	77	7281	0.36	ng		93
10) Phenol	6.41	94	27281	1.38	ng		96
11) bis(2-Chloroethyl)ether	6.49	93	19116	1.21	ng		89
12) 1,3-Dichlorobenzene	6.68	146	17130	0.99	ng	#	89
13) 1,4-Dichlorobenzene	6.76	146	17866	1.01	ng		97
14) 1,2-Dichlorobenzene	6.91	146	14903m	0.97	ng		
15) Benzyl Alcohol	6.90	79	32574	2.41	ng	#	53
16) 2,2'-oxybis(1-Chloropropan	7.02	45	22672	0.96	ng		86
17) 2-Methylphenol	7.01	107	12591	0.97	ng		98
18) Hexachloroethane	7.25	117	5697	0.87	ng	#	84
20) 3+4-Methylphenols	7.17	107	16559	1.06	ng	#	76
22) Acetophenone	7.15	105	23242	0.91	ng	#	96
24) Nitrobenzene	7.33	77	20826	1.05	ng	#	83
25) Isophorone	7.56	82	27668m	0.80	ng		
26) 2-Nitrophenol	7.65	139	7143	0.73	ng	#	86
27) 2,4-Dimethylphenol	7.70	122	14178	0.87	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	17148	0.82	ng		97
29) 2,4-Dichlorophenol	7.90	162	11028	0.80	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	14122	0.94	ng		95
31) Naphthalene	8.05	128	48359	1.02	ng		99
32) Benzoic acid	7.76	122	6105	0.51	ng		90
33) 4-Chloroaniline	8.11	127	17858	0.83	ng		96
34) Hexachlorobutadiene	8.18	225	7586	0.95	ng		96
35) Caprolactam	8.44	113	3125	0.69	ng	#	84
36) 4-Chloro-3-methylphenol	8.59	107	13397	0.85	ng		88
37) 2-Methylnaphthalene	8.74	142	27669	0.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	13507	1.02	ng		96
42) 2,4,6-Trichlorophenol	9.02	196	7636	0.83	ng		96
45) 1,1'-Biphenyl	9.21	154	44671	1.25	ng		97
46) 2-Chloronaphthalene	9.23	162	28993	1.02	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.33	65	7896	0.78	ng	#	82
48) Acenaphthylene	9.64	152	45526	1.04	ng		99
49) Dimethylphthalate	9.50	163	33429	1.00	ng		99
50) 2,6-Dinitrotoluene	9.57	165	6032	0.82	ng		94
51) Acenaphthene	9.81	154	29934	1.01	ng		92
52) 3-Nitroaniline	9.74	138	7412	0.82	ng		82
54) Dibenzofuran	9.98	168	42047	1.05	ng		94
55) 4-Nitrophenol	9.93	139	3047	0.50	ng		92
56) 2,4-Dinitrotoluene	9.97	165	8380	0.91	ng	#	95
57) Fluorene	10.33	166	34623	1.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	6373	0.85	ng	#	96
59) Diethylphthalate	10.20	149	31324	0.97	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	15961	1.26	ng	#	80
61) 4-Nitroaniline	10.34	138	7067	0.75	ng		92
62) Azobenzene	10.49	77	34642	0.97	ng		87
64) 4,6-Dinitro-2-methylphenol	10.38	198	749	0.13	ng	#	58
65) n-Nitrosodiphenylamine	10.44	169	28059	0.98	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	8712	0.87	ng	#	89
67) Hexachlorobenzene	10.88	284	10296	0.96	ng	#	93
68) Atrazine	10.97	200	5898	0.64	ng		99
69) Pentachlorophenol	11.08	266	726	0.14	ng	#	72
70) Phenanthrene	11.29	178	52421	1.01	ng		96
71) Anthracene	11.33	178	48827	0.26	ng		97
72) Carbazole	11.49	167	41808	0.78	ng		97
73) Di-n-butylphthalate	11.84	149	48320	Below Cal		#	95
74) Fluoranthene	12.48	202	47714	Below Cal			91
76) Benzidine	12.60	184	30236	Below Cal			99
77) Pyrene	12.69	202	51788	0.91	ng		96
79) Butylbenzylphthalate	13.32	149	19210	0.74	ng	#	97
80) Benzo(a)anthracene	13.88	228	42683	0.98	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	11620	0.70	ng	#	94
82) Chrysene	13.92	228	43947	1.00	ng		93
83) Bis(2-ethylhexyl)phthalate	13.89	149	25426	0.84	ng	#	93
84) Di-n-octyl phthalate	14.50	149	47892	0.85	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	30327	0.80	ng		97
87) Benzo(b)fluoranthene	14.90	252	39393m	0.92	ng		
88) Benzo(k)fluoranthene	14.92	252	35676m	0.98	ng		
89) Benzo(a)pyrene	15.23	252	33962	0.90	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	24925	0.80	ng	#	93
91) Benzo(g,h,i)perylene	17.01	276	25849	0.80	ng	#	94

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

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