Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090540.D
Acq On : 12 Oct 2016 17:26
Operator : UM/SJ
Sample : H5180-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1MS

Manual Integrations APPROVED
sohil
10/13/2016 2:04:20 PM

Quant Time: Oct 12 19:07:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	230371	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	944424	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	501624	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	843908	20.00	ng		0.00
75) Chrysene-d12	14.13	240	773833	20.00	ng		0.00
86) Perylene-d12	15.61	264	500745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1512514	102.14	ng		0.02
7) Phenol-d6	6.60	99	1944679	104.07	ng		0.01
23) Nitrobenzene-d5	7.51	82	1336402	76.75	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	694785	139.73	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2645083	88.61	ng		0.00
78) Terphenyl-d14	13.07	244	2461959	77.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	216172m	29.76	ng		
3) Pyridine	3.56	79	424156m	21.13	ng		
4) n-Nitrosodimethylamine	3.49	42	192897m	29.32	ng		
6) Aniline	6.63	93	425838	17.96	ng	#	81
8) 2-Chlorophenol	6.75	128	641421	40.72	ng		86
9) Benzaldehyde	6.50	77	121531	10.32	ng		97
10) Phenol	6.61	94	782886	37.14	ng		95
11) bis(2-Chloroethyl)ether	6.69	93	718234	45.52	ng		90
12) 1,3-Dichlorobenzene	6.90	146	658869	38.77	ng		99
13) 1,4-Dichlorobenzene	6.97	146	715540	41.26	ng		99
14) 1,2-Dichlorobenzene	7.13	146	643432	40.83	ng		95
15) Benzyl Alcohol	7.10	79	542867	37.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	712827	31.53	ng		57
17) 2-Methylphenol	7.22	107	528069	41.22	ng		96
18) Hexachloroethane	7.46	117	250815	39.20	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	489333	41.06	ng	#	78
20) 3+4-Methylphenols	7.37	107	646781	39.87	ng	#	76
22) Acetophenone	7.37	105	925036	44.49	ng	#	90
24) Nitrobenzene	7.54	77	723249	38.73	ng	#	87
25) Isophorone	7.78	82	1279057	40.36	ng	#	94
26) 2-Nitrophenol	7.86	139	346956	40.72	ng		96
27) 2,4-Dimethylphenol	7.89	122	596377	41.17	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	824764	42.14	ng		96
29) 2,4-Dichlorophenol	8.10	162	544221	44.92	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	594083	42.69	ng		99
31) Naphthalene	8.26	128	1909656	40.59	ng		98
32) Benzoic acid	8.02	122	322575	28.22	ng		98
33) 4-Chloroaniline	8.31	127	216029	10.85	ng	#	89
34) Hexachlorobutadiene	8.37	225	316271	40.65	ng		99
35) Caprolactam	8.68	113	154505m	39.34	ng		
36) 4-Chloro-3-methylphenol	8.81	107	589140	41.64	ng		89
37) 2-Methylnaphthalene	8.95	142	1304048	41.29	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	553827	39.44	ng		99
40) Hexachlorocyclopentadiene	9.10	237	637548	91.46	ng		100

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Quant Time: Oct 12 19:07:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	373598	39.46	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	406083	43.34	ng	#	88
45) 1,1'-Biphenyl	9.41	154	1498806	39.12	ng		97
46) 2-Chloronaphthalene	9.45	162	1246115	43.71	ng		94
47) 2-Nitroaniline	9.54	65	369064	36.30	ng		97
48) Acenaphthylene	9.86	152	1828797	39.77	ng		99
49) Dimethylphthalate	9.72	163	1441133	42.72	ng		99
50) 2,6-Dinitrotoluene	9.78	165	313301	42.06	ng		88
51) Acenaphthene	10.03	154	1287953	41.79	ng		99
52) 3-Nitroaniline	9.95	138	146640	15.87	ng		95
53) 2,4-Dinitrophenol	10.06	184	325053	78.64	ng	#	86
54) Dibenzofuran	10.20	168	1640584	40.00	ng		94
55) 4-Nitrophenol	10.13	139	513202	71.46	ng	#	80
56) 2,4-Dinitrotoluene	10.19	165	469783	47.68	ng	#	76
57) Fluorene	10.54	166	1305664	39.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	351935	45.03	ng		99
59) Diethylphthalate	10.42	149	1388984	40.48	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	651820	42.19	ng	#	80
61) 4-Nitroaniline	10.58	138	321338	34.08	ng		89
62) Azobenzene	10.69	77	1493604	39.86	ng		89
64) 4,6-Dinitro-2-methylphenol	10.60	198	217421	38.57	ng	#	45
65) n-Nitrosodiphenylamine	10.66	169	1107378	40.35	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	407606	43.59	ng	#	78
67) Hexachlorobenzene	11.09	284	425361	41.18	ng	#	88
68) Atrazine	11.18	200	313970	36.97	ng		97
69) Pentachlorophenol	11.30	266	513417	83.53	ng		99
70) Phenanthrene	11.51	178	2061113	44.32	ng		97
71) Anthracene	11.56	178	1862413	39.53	ng		99
72) Carbazole	11.72	167	1799280	40.43	ng		98
73) Di-n-butylphthalate	12.04	149	2104331	39.26	ng		98
74) Fluoranthene	12.70	202	2075472	43.72	ng		90
76) Benzidine	12.82	184	53961	2.22	ng		99
77) Pyrene	12.93	202	2117860	43.72	ng		100
79) Butylbenzylphthalate	13.55	149	1016096	44.81	ng		96
80) Benzo(a)anthracene	14.12	228	1791427	38.85	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	249609	15.04	ng	#	99
82) Chrysene	14.16	228	1567966m	36.52	ng		
83) Bis(2-ethylhexyl)phthalate	14.11	149	1353017	40.89	ng	#	95
84) Di-n-octyl phthalate	14.72	149	2062257	40.24	ng	#	84
85) Indeno(1,2,3-cd)pyrene	17.08	276	1218803	34.10	ng		98
87) Benzo(b)fluoranthene	15.17	252	1421407	43.02	ng	#	97
88) Benzo(k)fluoranthene	15.21	252	1488421m	50.58	ng		
89) Benzo(a)pyrene	15.54	252	1285040	44.29	ng	#	97
90) Dibenzo(a,h)anthracene	17.09	278	1047267	42.49	ng	#	96
91) Benzo(g,h,i)perylene	17.53	276	972782	42.68	ng		99

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

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