Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091595.D
Acq On : 14 Dec 2016 20:18
Operator : UM/SJ
Sample : H6006-09MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-8-0-5MS

Manual Integrations APPROVED
sohil
12/15/2016 5:40:17 PM

Quant Time: Dec 15 01:25:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	285392	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1137323	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	596615	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	939116	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	496626	20.00	ng		-0.01
86) Perylene-d12	15.36	264	587641	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1743848	102.94	ng		-0.01
7) Phenol-d6	6.44	99	2276693	107.81	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1656319	81.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	482350	97.34	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2250972	65.19	ng		-0.02
78) Terphenyl-d14	12.90	244	1788515	81.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	274695	30.73	ng	#	85
3) Pyridine	3.09	79	759686	31.89	ng	#	80
4) n-Nitrosodimethylamine	3.04	42	372690	36.42	ng	#	65
6) Aniline	6.45	93	608054	21.96	ng	#	20
8) 2-Chlorophenol	6.58	128	690005	36.09	ng		86
9) Benzaldehyde	6.34	77	132819m	9.14	ng		
10) Phenol	6.45	94	981435	39.75	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	703279	37.91	ng		91
12) 1,3-Dichlorobenzene	6.74	146	769561	37.11	ng		97
13) 1,4-Dichlorobenzene	6.81	146	719852m	35.20	ng		
14) 1,2-Dichlorobenzene	6.97	146	732546	39.75	ng		96
15) Benzyl Alcohol	6.94	79	672536	40.33	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1068344	37.17	ng		79
17) 2-Methylphenol	7.06	107	589961m	37.29	ng		
18) Hexachloroethane	7.31	117	281990	35.33	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	552769	41.86	ng	#	76
20) 3+4-Methylphenols	7.22	107	740207	43.20	ng		91
22) Acetophenone	7.21	105	1022649	37.53	ng	#	97
24) Nitrobenzene	7.38	77	788870	36.64	ng		90
25) Isophorone	7.62	82	1409199	38.90	ng		97
26) 2-Nitrophenol	7.70	139	404737	42.59	ng	#	81
27) 2,4-Dimethylphenol	7.74	122	676143	40.51	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	920578	43.33	ng		99
29) 2,4-Dichlorophenol	7.94	162	572660	39.44	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	605681	36.70	ng		99
31) Naphthalene	8.10	128	2024357	38.26	ng		99
32) Benzoic acid	7.88	122	2113m	5.06	ng		
33) 4-Chloroaniline	8.16	127	319416	14.01	ng	#	93
34) Hexachlorobutadiene	8.22	225	326758	34.54	ng		98
35) Caprolactam	8.52	113	202127	47.66	ng	#	53
36) 4-Chloro-3-methylphenol	8.65	107	626768	38.49	ng		99
37) 2-Methylnaphthalene	8.80	142	1359689	39.70	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	566829	34.64	ng		99
40) Hexachlorocyclopentadiene	8.96	237	469493	64.35	ng		98

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Quant Time: Dec 15 01:25:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	409091m	38.91	ng		
43) 2,4,5-Trichlorophenol	9.13	196	410440m	37.99	ng		
45) 1,1'-Biphenyl	9.26	154	1694689	39.22	ng		96
46) 2-Chloronaphthalene	9.29	162	1261872	37.71	ng		96
47) 2-Nitroaniline	9.38	65	397252	35.30	ng		87
48) Acenaphthylene	9.70	152	1961639	38.46	ng		99
49) Dimethylphthalate	9.57	163	1997254	52.87	ng		99
50) 2,6-Dinitrotoluene	9.63	165	333745	40.25	ng	#	57
51) Acenaphthene	9.87	154	1243942	35.11	ng		98
52) 3-Nitroaniline	9.79	138	293149	30.10	ng		97
53) 2,4-Dinitrophenol	9.89	184	29489	11.32	ng		96
54) Dibenzofuran	10.04	168	1772358	40.43	ng		98
55) 4-Nitrophenol	9.96	139	422331	58.28	ng		88
56) 2,4-Dinitrotoluene	10.03	165	445668	42.88	ng		97
57) Fluorene	10.38	166	1373380	43.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	300472	35.52	ng		96
59) Diethylphthalate	10.27	149	1405366	38.63	ng	#	93
60) 4-Chlorophenyl-phenylether	10.37	204	522991	33.18	ng	#	75
61) 4-Nitroaniline	10.41	138	369770	38.20	ng		92
62) Azobenzene	10.53	77	1514672	36.75	ng		89
64) 4,6-Dinitro-2-methylphenol	10.43	198	112888	21.52	ng	#	68
65) n-Nitrosodiphenylamine	10.50	169	1180628	42.17	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	355454	36.92	ng		100
67) Hexachlorobenzene	10.93	284	386980	38.65	ng		96
68) Atrazine	11.02	200	333592	37.06	ng		97
69) Pentachlorophenol	11.13	266	325632	57.79	ng		96
70) Phenanthrene	11.34	178	2897175	62.30	ng		97
71) Anthracene	11.39	178	2056241	40.99	ng		99
72) Carbazole	11.55	167	1757533	39.97	ng		100
73) Di-n-butylphthalate	11.89	149	2042360	39.87	ng	#	98
74) Fluoranthene	12.53	202	3195589	65.62	ng		98
76) Benzidine	12.65	184	642099	41.81	ng		98
77) Pyrene	12.76	202	2866446	72.75	ng		99
79) Butylbenzylphthalate	13.38	149	736407	47.95	ng		93
80) Benzo(a)anthracene	13.94	228	1694352	58.75	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	280783	27.11	ng	#	97
82) Chrysene	13.97	228	1428127	47.33	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	1081876	54.90	ng		99
84) Di-n-octyl phthalate	14.56	149	1525638	45.61	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.73	276	1677444	61.78	ng		98
87) Benzo(b)fluoranthene	14.97	252	1954663m	55.80	ng		
88) Benzo(k)fluoranthene	14.99	252	1101333m	35.76	ng		
89) Benzo(a)pyrene	15.31	252	1574800	49.90	ng	#	96
90) Dibenzo(a,h)anthracene	16.75	278	1246743	44.10	ng		96
91) Benzo(g,h,i)perylene	17.15	276	1494894	51.96	ng		97

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

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