Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090558.D
Acq On : 14 Oct 2016 9:13
Operator : UM/SJ
Sample : PB94017BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94017BS

Manual Integrations APPROVED
Umangi
10/14/2016 6:45:35 PM

Quant Time: Oct 14 13:22:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 02:03:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	266430	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1170154	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	610227	20.00	ng		-0.01
63) Phenanthrene-d10	11.46	188	1020057	20.00	ng		0.00
75) Chrysene-d12	14.10	240	882468	20.00	ng		0.00
86) Perylene-d12	15.56	264	524081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1660004	114.22	ng		0.01
7) Phenol-d6	6.57	99	2396529	110.98	ng		0.01
23) Nitrobenzene-d5	7.48	82	1632722	77.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.76	330	642018	118.01	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2617124	70.67	ng		0.00
78) Terphenyl-d14	13.05	244	2704285	71.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	241659m	29.18	ng		
3) Pyridine	3.43	79	633572m	34.13	ng		
4) n-Nitrosodimethylamine	3.39	42	256198m	39.96	ng		
6) Aniline	6.59	93	409570	15.69	ng	#	79
8) 2-Chlorophenol	6.70	128	680272	36.10	ng		100
9) Benzaldehyde	6.46	77	163882m	13.47	ng		
10) Phenol	6.58	94	847734	34.32	ng		89
11) bis(2-Chloroethyl)ether	6.66	93	739359	36.28	ng		98
12) 1,3-Dichlorobenzene	6.86	146	647207	34.44	ng		98
13) 1,4-Dichlorobenzene	6.93	146	702955	34.39	ng		94
14) 1,2-Dichlorobenzene	7.09	146	696462	36.45	ng		98
15) Benzyl Alcohol	7.07	79	566008	38.48	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1025895	35.77	ng		99
17) 2-Methylphenol	7.18	107	557277	37.95	ng		98
18) Hexachloroethane	7.43	117	287468	35.59	ng		92
19) n-Nitroso-di-n-propylamine	7.33	70	552762	37.33	ng		96
20) 3+4-Methylphenols	7.33	107	680587	38.23	ng		95
22) Acetophenone	7.33	105	968149	37.45	ng		95
24) Nitrobenzene	7.50	77	773575	35.78	ng		94
25) Isophorone	7.74	82	1466962	38.26	ng		98
26) 2-Nitrophenol	7.82	139	365653	37.28	ng		92
27) 2,4-Dimethylphenol	7.87	122	622127	38.23	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	907742	40.10	ng		99
29) 2,4-Dichlorophenol	8.06	162	523656	36.73	ng		90
30) 1,2,4-Trichlorobenzene	8.14	180	556391	33.32	ng		96
31) Naphthalene	8.22	128	1967714	33.01	ng		99
32) Benzoic acid	7.99	122	251700	25.18	ng		96
33) 4-Chloroaniline	8.29	127	219794	9.65	ng		95
34) Hexachlorobutadiene	8.35	225	334700	35.88	ng		98
35) Caprolactam	8.66	113	186581m	46.90	ng		
36) 4-Chloro-3-methylphenol	8.77	107	635025	38.61	ng	#	83
37) 2-Methylnaphthalene	8.92	142	1278931	36.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	580479	35.88	ng		99
40) Hexachlorocyclopentadiene	9.08	237	648984	82.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	377775	41.39	ng		100
43) 2,4,5-Trichlorophenol	9.25	196	383261	35.20	ng	#	85
45) 1,1'-Biphenyl	9.39	154	1641976	35.36	ng		99
46) 2-Chloronaphthalene	9.41	162	1284600	37.10	ng		98
47) 2-Nitroaniline	9.51	65	453479	36.13	ng		94
48) Acenaphthylene	9.82	152	1843066	33.43	ng		100
49) Dimethylphthalate	9.69	163	1350455	34.11	ng		99
50) 2,6-Dinitrotoluene	9.75	165	308990	35.67	ng		97
51) Acenaphthene	9.99	154	1264859	34.52	ng		99
52) 3-Nitroaniline	9.93	138	224660	20.67	ng		97
53) 2,4-Dinitrophenol	10.03	184	220756	49.28	ng	#	79
54) Dibenzofuran	10.18	168	1709378	35.46	ng		100
55) 4-Nitrophenol	10.10	139	522859	79.92	ng	#	82
56) 2,4-Dinitrotoluene	10.15	165	449532	38.20	ng		94
57) Fluorene	10.52	166	1329079	33.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	348124	38.39	ng		99
59) Diethylphthalate	10.39	149	1461125	36.39	ng	#	92
60) 4-Chlorophenyl-phenylether	10.51	204	676549	36.09	ng		96
61) 4-Nitroaniline	10.54	138	308169	28.27	ng		95
62) Azobenzene	10.67	77	1538777	33.13	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	170930	27.69	ng		92
65) n-Nitrosodiphenylamine	10.63	169	1149306	34.11	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	413843	37.81	ng		98
67) Hexachlorobenzene	11.06	284	407891	34.32	ng		94
68) Atrazine	11.16	200	358892	38.51	ng		92
69) Pentachlorophenol	11.26	266	471729	80.09	ng		98
70) Phenanthrene	11.48	178	2023244	37.16	ng		99
71) Anthracene	11.53	178	1905753	32.52	ng		100
72) Carbazole	11.69	167	1723755	32.86	ng		100
73) Di-n-butylphthalate	12.02	149	2205656	35.89	ng		100
74) Fluoranthene	12.67	202	1993898	36.41	ng		99
76) Benzidine	12.80	184	132216	6.02	ng		99
77) Pyrene	12.90	202	1960263	33.54	ng		100
79) Butylbenzylphthalate	13.52	149	955339	36.89	ng		97
80) Benzo(a)anthracene	14.09	228	1748713	34.81	ng		100
81) 3,3'-Dichlorobenzidine	14.05	252	325513	18.97	ng		98
82) Chrysene	14.12	228	1455536	30.07	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1300977	37.24	ng		98
84) Di-n-octyl phthalate	14.69	149	2036768	43.48	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	996513	35.61	ng		99
87) Benzo(b)fluoranthene	15.13	252	1384233	40.36	ng		99
88) Benzo(k)fluoranthene	15.16	252	1153729m	31.27	ng		
89) Benzo(a)pyrene	15.49	252	1108544	35.31	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	850424	35.52	ng		99
91) Benzo(g,h,i)perylene	17.45	276	802173	35.14	ng		100

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

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