Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090789.D
Acq On : 24 Oct 2016 15:38
Operator : UM/SJ
Sample : PB94262BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Manual Integrations APPROVED
sohil
10/25/2016 4:24:04 PM

Quant Time: Oct 24 17:18:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	229050	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	964850	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	513774	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	858429	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	704341	20.00	ng		-0.01
86) Perylene-d12	15.42	264	455808	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1536786	108.21	ng		-0.01
7) Phenol-d6	6.49	99	2067258	107.46	ng		-0.01
23) Nitrobenzene-d5	7.40	82	1253704	71.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	552454	135.85	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	2431921	73.48	ng		-0.02
78) Terphenyl-d14	12.96	244	2455848	79.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	228587	27.82	ng	#	75
3) Pyridine	3.24	79	600982	31.21	ng	#	72
4) n-Nitrosodimethylamine	3.19	42	219715	33.35	ng	#	65
6) Aniline	6.50	93	510672	23.41	ng	#	1
8) 2-Chlorophenol	6.62	128	659552	38.69	ng		95
9) Benzaldehyde	6.38	77	183623	17.46	ng	#	83
10) Phenol	6.50	94	790443	36.55	ng	#	61
11) bis(2-Chloroethyl)ether	6.58	93	689433m	37.94	ng		
12) 1,3-Dichlorobenzene	6.77	146	657804	38.41	ng	#	92
13) 1,4-Dichlorobenzene	6.85	146	704961	38.81	ng	#	92
14) 1,2-Dichlorobenzene	7.00	146	636965m	35.82	ng		
15) Benzyl Alcohol	6.98	79	468451	35.85	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.11	45	765257	28.12	ng		66
17) 2-Methylphenol	7.10	107	538111	41.89	ng	#	84
18) Hexachloroethane	7.34	117	253484	34.38	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	462789	32.30	ng	#	71
20) 3+4-Methylphenols	7.25	107	603276	39.62	ng	#	63
22) Acetophenone	7.25	105	845698	39.33	ng	#	84
24) Nitrobenzene	7.42	77	702710	36.85	ng	#	73
25) Isophorone	7.66	82	1294971	38.89	ng	#	90
26) 2-Nitrophenol	7.74	139	353173	45.33	ng	#	85
27) 2,4-Dimethylphenol	7.78	122	571617	41.38	ng	#	80
28) bis(2-Chloroethoxy)methane	7.88	93	817426	44.87	ng	#	95
29) 2,4-Dichlorophenol	7.98	162	530905	46.83	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	571016	42.80	ng		97
31) Naphthalene	8.14	128	1871797	39.66	ng		97
32) Benzoic acid	7.93	122	345058	37.41	ng	#	67
33) 4-Chloroaniline	8.20	127	292247	16.70	ng	#	94
34) Hexachlorobutadiene	8.27	225	311409	41.51	ng		99
35) Caprolactam	8.57	113	189198m	58.43	ng		
36) 4-Chloro-3-methylphenol	8.69	107	574399	43.56	ng		95
37) 2-Methylnaphthalene	8.84	142	1242292	45.04	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	529942	38.20	ng		99
40) Hexachlorocyclopentadiene	8.99	237	586100	89.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	360783	41.94	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	386281	44.24	ng	#	95
45) 1,1'-Biphenyl	9.30	154	1397950	34.65	ng		91
46) 2-Chloronaphthalene	9.33	162	1155125	38.52	ng		98
47) 2-Nitroaniline	9.42	65	362908	36.46	ng	#	75
48) Acenaphthylene	9.74	152	1841514	40.24	ng		95
49) Dimethylphthalate	9.61	163	1233522	38.21	ng	#	97
50) 2,6-Dinitrotoluene	9.66	165	283372	40.82	ng	#	53
51) Acenaphthene	9.91	154	1158697	38.14	ng		89
52) 3-Nitroaniline	9.83	138	181714	22.77	ng	#	57
53) 2,4-Dinitrophenol	9.95	184	354239	85.83	ng	#	87
54) Dibenzofuran	10.09	168	1615466	43.90	ng	#	86
55) 4-Nitrophenol	10.02	139	463748	93.51	ng	#	87
56) 2,4-Dinitrotoluene	10.07	165	439357	51.78	ng	#	90
57) Fluorene	10.43	166	1282116	42.04	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.21	232	319802	46.68	ng		98
59) Diethylphthalate	10.30	149	1320981	39.45	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	581169	41.70	ng	#	84
61) 4-Nitroaniline	10.46	138	318451	39.40	ng	#	63
62) Azobenzene	10.58	77	1409995	35.96	ng		85
64) 4,6-Dinitro-2-methylphenol	10.49	198	224923	41.65	ng	#	64
65) n-Nitrosodiphenylamine	10.54	169	1113665	40.49	ng		90
66) 4-Bromophenyl-phenylether	10.91	248	371563	44.65	ng		97
67) Hexachlorobenzene	10.98	284	452027	46.03	ng	#	83
68) Atrazine	11.07	200	310734	40.94	ng		85
69) Pentachlorophenol	11.17	266	467548	76.66	ng		97
70) Phenanthrene	11.39	178	1754693m	40.10	ng		
71) Anthracene	11.45	178	1886803	38.88	ng		98
72) Carbazole	11.60	167	1612425	39.74	ng	#	93
73) Di-n-butylphthalate	11.93	149	1895943	36.03	ng	#	97
74) Fluoranthene	12.58	202	1955934	46.21	ng		90
76) Benzidine	12.70	184	385922	24.68	ng		98
77) Pyrene	12.81	202	1957770m	39.80	ng		
79) Butylbenzylphthalate	13.42	149	835848	36.96	ng	#	86
80) Benzo(a)anthracene	14.00	228	1525307	39.57	ng		95
81) 3,3'-Dichlorobenzidine	13.96	252	326691	24.46	ng	#	93
82) Chrysene	14.03	228	1530250m	40.68	ng		
83) Bis(2-ethylhexyl)phthalate	13.98	149	1094982	33.85	ng	#	92
84) Di-n-octyl phthalate	14.60	149	1790785	36.47	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1078310	32.86	ng	#	94
87) Benzo(b)fluoranthene	15.02	252	1248880	44.56	ng	#	89
88) Benzo(k)fluoranthene	15.06	252	1250329m	44.39	ng		
89) Benzo(a)pyrene	15.38	252	1121116	42.64	ng	#	85
90) Dibenzo(a,h)anthracene	16.84	278	925639	36.66	ng	#	85
91) Benzo(g,h,i)perylene	17.25	276	891168	36.39	ng	#	80

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

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