Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091140.D
Acq On : 11 Nov 2016 15:16
Operator : UM/SJ
Sample : PB94644BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94644BS

Manual Integrations APPROVED
sohil
11/14/2016 6:36:59 PM

Quant Time: Nov 11 16:39:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	158546m	20.00	ng		-0.01
21) Naphthalene-d8	7.93	136	648531	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	361111	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	638673	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	612854	20.00	ng		-0.02
86) Perylene-d12	15.15	264	457660	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	620309	64.62	ng		0.00
7) Phenol-d6	6.29	99	768133	58.95	ng		-0.02
23) Nitrobenzene-d5	7.22	82	962444	80.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	199395	61.08	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1653283	78.82	ng		-0.02
78) Terphenyl-d14	12.74	244	1591716	64.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	164065	29.88	ng	#	94
3) Pyridine	2.85	79	439884	34.24	ng		89
4) n-Nitrosodimethylamine	2.81	42	154889	30.48	ng		89
6) Aniline	6.30	93	332215m	21.62	ng		
8) 2-Chlorophenol	6.43	128	422370	36.88	ng		85
9) Benzaldehyde	6.20	77	33075m	4.57	ng		
10) Phenol	6.30	94	472809	32.79	ng		89
11) bis(2-Chloroethyl)ether	6.38	93	422574	34.78	ng		90
12) 1,3-Dichlorobenzene	6.58	146	431008m	37.22	ng		
13) 1,4-Dichlorobenzene	6.66	146	453037	36.46	ng		96
14) 1,2-Dichlorobenzene	6.81	146	403222	35.36	ng		96
15) Benzyl Alcohol	6.80	79	317249	34.52	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	471870	27.12	ng		86
17) 2-Methylphenol	6.92	107	326623	36.03	ng		99
18) Hexachloroethane	7.15	117	169903m	35.33	ng		
19) n-Nitroso-di-n-propylamine	7.07	70	306481	33.94	ng		93
20) 3+4-Methylphenols	7.08	107	439504	40.38	ng		94
22) Acetophenone	7.06	105	562654	37.68	ng	#	94
24) Nitrobenzene	7.23	77	450407	34.30	ng		93
25) Isophorone	7.48	82	790043	34.49	ng	#	93
26) 2-Nitrophenol	7.55	139	210186	37.83	ng	#	82
27) 2,4-Dimethylphenol	7.61	122	362667	39.47	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	460789	36.82	ng		99
29) 2,4-Dichlorophenol	7.80	162	339269	42.30	ng		95
30) 1,2,4-Trichlorobenzene	7.87	180	351759	39.01	ng		99
31) Naphthalene	7.95	128	1144387	36.90	ng		100
32) Benzoic acid	7.76	122	169662	26.24	ng		89
33) 4-Chloroaniline	8.02	127	186907	14.49	ng		99
34) Hexachlorobutadiene	8.08	225	207432	42.62	ng		98
35) Caprolactam	8.38	113	109604m	43.50	ng		
36) 4-Chloro-3-methylphenol	8.51	107	357477	36.82	ng		93
37) 2-Methylnaphthalene	8.65	142	832555	41.76	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	339119	36.83	ng		99
40) Hexachlorocyclopentadiene	8.80	237	289642	81.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	227284	38.24	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	252741	40.50	ng		97
45) 1,1'-Biphenyl	9.10	154	897754	34.05	ng		99
46) 2-Chloronaphthalene	9.13	162	715434	35.74	ng		98
47) 2-Nitroaniline	9.24	65	273369	36.80	ng	#	79
48) Acenaphthylene	9.54	152	1115143	35.74	ng		100
49) Dimethylphthalate	9.42	163	918529	38.79	ng		98
50) 2,6-Dinitrotoluene	9.48	165	221262	43.60	ng	#	70
51) Acenaphthene	9.71	154	666502	34.03	ng		99
52) 3-Nitroaniline	9.65	138	117913	19.59	ng		80
53) 2,4-Dinitrophenol	9.77	184	177162	65.34	ng		89
54) Dibenzofuran	9.88	168	1023753	38.83	ng		97
55) 4-Nitrophenol	9.84	139	271632	68.65	ng	#	80
56) 2,4-Dinitrotoluene	9.88	165	261270	40.47	ng	#	60
57) Fluorene	10.22	166	781846	36.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	189410	38.74	ng		98
59) Diethylphthalate	10.11	149	900616	37.10	ng		96
60) 4-Chlorophenyl-phenylether	10.22	204	419617	42.78	ng		93
61) 4-Nitroaniline	10.27	138	222589	36.56	ng		90
62) Azobenzene	10.38	77	1120121	39.19	ng		95
64) 4,6-Dinitro-2-methylphenol	10.29	198	140503	35.93	ng	#	44
65) n-Nitrosodiphenylamine	10.35	169	764394	37.65	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	221589	33.36	ng		93
67) Hexachlorobenzene	10.77	284	269196	36.74	ng		98
68) Atrazine	10.88	200	214400	36.61	ng		97
69) Pentachlorophenol	10.98	266	244186	75.25	ng		99
70) Phenanthrene	11.18	178	1311366	38.62	ng		100
71) Anthracene	11.23	178	1238949	34.32	ng		100
72) Carbazole	11.39	167	1147959	35.29	ng		100
73) Di-n-butylphthalate	11.73	149	1479682	36.17	ng		99
74) Fluoranthene	12.36	202	1214452	34.49	ng		98
76) Benzidine	12.50	184	552261	40.34	ng		97
77) Pyrene	12.59	202	1335574	33.28	ng		100
79) Butylbenzylphthalate	13.22	149	641866	33.43	ng		93
80) Benzo(a)anthracene	13.78	228	1171651	33.67	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	210971	17.26	ng	#	97
82) Chrysene	13.81	228	1175061	34.25	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	789514	30.39	ng	#	99
84) Di-n-octyl phthalate	14.39	149	1441018	33.73	ng		96
85) Indeno(1,2,3-cd)pyrene	16.43	276	952853	33.47	ng		97
87) Benzo(b)fluoranthene	14.79	252	1270713m	40.94	ng		
88) Benzo(k)fluoranthene	14.81	252	939014m	34.49	ng		
89) Benzo(a)pyrene	15.11	252	1027807	38.04	ng		99
90) Dibenzo(a,h)anthracene	16.44	278	815840	34.92	ng		97
91) Benzo(g,h,i)perylene	16.81	276	743154	35.18	ng		97

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

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