Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091540.D
Acq On : 9 Dec 2016 21:16
Operator : UM/SJ
Sample : PB94152BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95152BSD

Manual Integrations APPROVED
sohil
12/12/2016 6:49:57 PM

Quant Time: Dec 09 22:51:25 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	6.81	152	289407	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	1206380	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	601390	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	985022	20.00	ng		0.00
75) Chrysene-d12	13.96	240	635694	20.00	ng		0.00
86) Perylene-d12	15.38	264	636760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1333626	77.64	ng		0.01
7) Phenol-d6	6.45	99	1644514	76.79	ng		0.00
23) Nitrobenzene-d5	7.38	82	1833836	84.84	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	372667	74.61	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	3048671	87.59	ng		0.00
78) Terphenyl-d14	12.92	244	2647213	94.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	336303	37.09	ng	#	85
3) Pyridine	3.20	79	994235	41.16	ng	#	80
4) n-Nitrosodimethylamine	3.15	42	429797	41.41	ng	#	67
6) Aniline	6.48	93	650428	23.17	ng	#	69
8) 2-Chlorophenol	6.60	128	880550	45.41	ng		98
9) Benzaldehyde	6.35	77	184012	12.49	ng		91
10) Phenol	6.46	94	997862	39.85	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	915697	48.68	ng	#	79
12) 1,3-Dichlorobenzene	6.75	146	829701	39.46	ng	#	95
13) 1,4-Dichlorobenzene	6.83	146	861912	41.56	ng		97
14) 1,2-Dichlorobenzene	6.99	146	776820m	41.57	ng		
15) Benzyl Alcohol	6.96	79	705405	41.72	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1260766	43.25	ng		80
17) 2-Methylphenol	7.08	107	734569	45.79	ng	#	76
18) Hexachloroethane	7.32	117	342610	42.33	ng	#	78
19) n-Nitroso-di-n-propylamine	7.23	70	615110	45.93	ng	#	84
20) 3+4-Methylphenols	7.23	107	780036	45.02	ng	#	72
22) Acetophenone	7.23	105	1174601	40.64	ng	#	93
24) Nitrobenzene	7.40	77	998095	43.71	ng	#	83
25) Isophorone	7.64	82	1702696	44.31	ng		99
26) 2-Nitrophenol	7.71	139	430941	42.76	ng		94
27) 2,4-Dimethylphenol	7.76	122	759351	42.89	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	1075245	47.71	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	715709	46.47	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	721558	41.22	ng		98
31) Naphthalene	8.12	128	2352932	41.92	ng		100
32) Benzoic acid	7.89	122	528512	42.25	ng	#	78
33) 4-Chloroaniline	8.17	127	209116	8.65	ng		98
34) Hexachlorobutadiene	8.25	225	419140	41.77	ng		98
35) Caprolactam	8.54	113	227507m	50.58	ng		
36) 4-Chloro-3-methylphenol	8.66	107	718290	41.58	ng		99
37) 2-Methylnaphthalene	8.81	142	1527483	42.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	611376	37.06	ng	#	98
40) Hexachlorocyclopentadiene	8.97	237	718184	97.66	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	473022	44.63	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	467115	42.89	ng		96
45) 1,1'-Biphenyl	9.28	154	1745933	40.08	ng		98
46) 2-Chloronaphthalene	9.30	162	1338712	39.69	ng		99
47) 2-Nitroaniline	9.40	65	471955	41.61	ng	#	76
48) Acenaphthylene	9.71	152	2113924	41.11	ng		99
49) Dimethylphthalate	9.58	163	1656934	43.51	ng		99
50) 2,6-Dinitrotoluene	9.64	165	394028	47.14	ng	#	81
51) Acenaphthene	9.88	154	1538065	43.07	ng		97
52) 3-Nitroaniline	9.80	138	174431	17.77	ng		91
53) 2,4-Dinitrophenol	9.92	184	377838	77.75	ng	#	82
54) Dibenzofuran	10.06	168	1957054	44.29	ng		91
55) 4-Nitrophenol	9.97	139	592218	81.07	ng		91
56) 2,4-Dinitrotoluene	10.04	165	460397	43.95	ng	#	63
57) Fluorene	10.40	166	1296367	40.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	399824	46.89	ng		95
59) Diethylphthalate	10.28	149	1634361	44.57	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	678662	42.72	ng	#	89
61) 4-Nitroaniline	10.42	138	356105	36.50	ng		88
62) Azobenzene	10.56	77	1911136	46.00	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	240907	40.74	ng	#	31
65) n-Nitrosodiphenylamine	10.51	169	1226692	41.77	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	439684	43.54	ng	#	76
67) Hexachlorobenzene	10.94	284	425795	40.55	ng	#	78
68) Atrazine	11.05	200	456692	48.37	ng		95
69) Pentachlorophenol	11.14	266	463933	78.50	ng		96
70) Phenanthrene	11.36	178	1979563	40.58	ng		99
71) Anthracene	11.41	178	2334429	44.37	ng		100
72) Carbazole	11.56	167	1787029	38.75	ng		99
73) Di-n-butylphthalate	11.91	149	2448808	45.57	ng		100
74) Fluoranthene	12.55	202	2276072	44.56	ng		99
76) Benzidine	12.66	184	611079	31.09	ng		98
77) Pyrene	12.77	202	2188320	43.39	ng		100
79) Butylbenzylphthalate	13.39	149	910286	46.30	ng		90
80) Benzo(a)anthracene	13.95	228	1586560	42.98	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	254522	19.20	ng	#	97
82) Chrysene	14.00	228	1689147	43.73	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	1175446	46.60	ng		99
84) Di-n-octyl phthalate	14.57	149	2147064	50.15	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.74	276	1511669	43.49	ng		99
87) Benzo(b)fluoranthene	14.98	252	1727532m	45.51	ng		
88) Benzo(k)fluoranthene	15.00	252	1234551m	36.99	ng		
89) Benzo(a)pyrene	15.32	252	1468549	42.94	ng	#	95
90) Dibenzo(a,h)anthracene	16.76	278	1236616	40.37	ng		98
91) Benzo(g,h,i)perylene	17.16	276	1271574	40.79	ng		98

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

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