Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091854.D
Acq On : 22 Dec 2016 00:45
Operator : UM/SJ
Sample : PB95522BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95522BS

Manual Integrations APPROVED
sohil
12/22/2016 7:09:03 PM

Quant Time: Dec 22 03:45:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	297091	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1198921	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	615400	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	992823	20.00	ng		0.00
75) Chrysene-d12	13.91	240	730737	20.00	ng		0.00
86) Perylene-d12	15.30	264	698556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2318671	130.32	ng		0.02
7) Phenol-d6	6.40	99	3017504	138.91	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1920407	89.07	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	621779	122.09	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2945916	100.42	ng		0.00
78) Terphenyl-d14	12.85	244	2378574	78.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	382824	43.70	ng		97
3) Pyridine	3.09	79	1120674	36.66	ng		95
4) n-Nitrosodimethylamine	3.05	42	453919	39.36	ng		99
6) Aniline	6.41	93	406064	14.39	ng	#	55
8) 2-Chlorophenol	6.53	128	889298	43.94	ng		97
9) Benzaldehyde	6.29	77	141724	8.79	ng		96
10) Phenol	6.42	94	1050149	42.42	ng	#	68
11) bis(2-Chloroethyl)ether	6.49	93	888395	45.11	ng		99
12) 1,3-Dichlorobenzene	6.68	146	934165m	43.24	ng		
13) 1,4-Dichlorobenzene	6.76	146	928846	42.24	ng		98
14) 1,2-Dichlorobenzene	6.92	146	896917	47.00	ng		97
15) Benzyl Alcohol	6.90	79	704589	41.74	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1270511	43.32	ng		99
17) 2-Methylphenol	7.02	107	807901	49.63	ng		97
18) Hexachloroethane	7.26	117	364238	44.67	ng		93
19) n-Nitroso-di-n-propylamine	7.17	70	628433	43.48	ng		96
20) 3+4-Methylphenols	7.17	107	935145	48.17	ng	#	85
22) Acetophenone	7.16	105	1264794	42.77	ng		96
24) Nitrobenzene	7.33	77	923978	40.24	ng		97
25) Isophorone	7.57	82	1867259	46.94	ng		96
26) 2-Nitrophenol	7.65	139	520487	45.96	ng		93
27) 2,4-Dimethylphenol	7.70	122	836622	44.54	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	1139423	47.24	ng		99
29) 2,4-Dichlorophenol	7.90	162	791970	49.79	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	799435	45.87	ng	#	95
31) Naphthalene	8.05	128	2493006	45.43	ng		100
32) Benzoic acid	7.85	122	611175	43.87	ng		98
33) 4-Chloroaniline	8.11	127	235662	9.52	ng		96
34) Hexachlorobutadiene	8.18	225	427333	46.45	ng		99
35) Caprolactam	8.49	113	268147m	51.30	ng		
36) 4-Chloro-3-methylphenol	8.61	107	903180	49.35	ng		92
37) 2-Methylnaphthalene	8.75	142	1770361	61.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	690985	44.44	ng		99
40) Hexachlorocyclopentadiene	8.90	237	658503	94.35	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	525016m	48.28	ng		
43) 2,4,5-Trichlorophenol	9.08	196	531605m	47.51	ng		
45) 1,1'-Biphenyl	9.22	154	2054756	48.76	ng		98
46) 2-Chloronaphthalene	9.24	162	1570191	47.06	ng		96
47) 2-Nitroaniline	9.33	65	472071	39.73	ng		99
48) Acenaphthylene	9.65	152	2466447	48.06	ng		100
49) Dimethylphthalate	9.53	163	1785106	45.35	ng		99
50) 2,6-Dinitrotoluene	9.58	165	460588	53.46	ng	#	88
51) Acenaphthene	9.82	154	1545988	44.43	ng		99
52) 3-Nitroaniline	9.74	138	162784	15.27	ng		90
53) 2,4-Dinitrophenol	9.86	184	434285	90.60	ng	#	73
54) Dibenzofuran	10.00	168	2105763	44.82	ng		98
55) 4-Nitrophenol	9.93	139	570995	78.88	ng		95
56) 2,4-Dinitrotoluene	9.98	165	498232	46.08	ng		92
57) Fluorene	10.34	166	1676011	49.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	403020	45.54	ng		99
59) Diethylphthalate	10.21	149	1737834	45.46	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	677810	45.28	ng		95
61) 4-Nitroaniline	10.36	138	429966	38.92	ng		94
62) Azobenzene	10.49	77	2099040	49.88	ng		96
64) 4,6-Dinitro-2-methylphenol	10.40	198	315912	52.62	ng		98
65) n-Nitrosodiphenylamine	10.45	169	1561655	53.01	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	514681	49.83	ng	#	87
67) Hexachlorobenzene	10.89	284	515661	46.71	ng	#	84
68) Atrazine	10.98	200	413181	43.48	ng		99
69) Pentachlorophenol	11.08	266	515234	95.12	ng		99
70) Phenanthrene	11.29	178	2416304	44.88	ng		98
71) Anthracene	11.34	178	2406800	54.19	ng		100
72) Carbazole	11.50	167	2404953	Below Cal			99
73) Di-n-butylphthalate	11.84	149	2517902	49.80	ng		100
74) Fluoranthene	12.48	202	2263456	48.19	ng		100
76) Benzidine	12.60	184	473848	22.15	ng		97
77) Pyrene	12.70	202	2427658	45.28	ng		99
79) Butylbenzylphthalate	13.33	149	1196913	49.09	ng		84
80) Benzo(a)anthracene	13.89	228	1839141	44.59	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	385764	24.66	ng	#	95
82) Chrysene	13.93	228	1810725	43.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1265335	44.06	ng	#	96
84) Di-n-octyl phthalate	14.50	149	2455348	46.16	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1714054	47.82	ng		97
87) Benzo(b)fluoranthene	14.91	252	2229335m	51.26	ng		
88) Benzo(k)fluoranthene	14.93	252	1366091m	36.84	ng		
89) Benzo(a)pyrene	15.24	252	1728884	44.79	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	1385026	43.65	ng		99
91) Benzo(g,h,i)perylene	17.04	276	1455724	44.12	ng	#	95

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

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