Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091726.D
Acq On : 18 Dec 2016 2:35
Operator : UM/SJ
Sample : PB95429BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95429BS

Manual Integrations APPROVED
umangi
12/20/2016 11:40:51 AM

Quant Time: Dec 19 00:20:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	321780	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1269486	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	697581	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1073278	20.00	ng		0.00
75) Chrysene-d12	13.93	240	743617	20.00	ng		0.00
86) Perylene-d12	15.33	264	830927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2886846	150.31	ng		0.02
7) Phenol-d6	6.42	99	3125754	133.44	ng		0.00
23) Nitrobenzene-d5	7.34	82	2211051	100.44	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	706083	119.37	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3148074	90.66	ng		0.00
78) Terphenyl-d14	12.88	244	2872251	97.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	399919	42.28	ng		99
3) Pyridine	3.10	79	1162271	38.14	ng		99
4) n-Nitrosodimethylamine	3.08	42	542115	45.97	ng		99
6) Aniline	6.44	93	523569	17.37	ng	#	73
8) 2-Chlorophenol	6.56	128	906975	42.90	ng		97
9) Benzaldehyde	6.30	77	150048	8.28	ng		87
10) Phenol	6.43	94	927486	35.13	ng		95
11) bis(2-Chloroethyl)ether	6.51	93	901168	42.74	ng		99
12) 1,3-Dichlorobenzene	6.70	146	957669m	41.25	ng		
13) 1,4-Dichlorobenzene	6.78	146	937205	39.90	ng		100
14) 1,2-Dichlorobenzene	6.94	146	930434	45.22	ng		97
15) Benzyl Alcohol	6.92	79	750638	41.39	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1371876	42.58	ng		100
17) 2-Methylphenol	7.04	107	807411	45.70	ng		99
18) Hexachloroethane	7.29	117	383186	43.90	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	654037	41.98	ng		99
20) 3+4-Methylphenols	7.20	107	925785	46.98	ng	#	88
22) Acetophenone	7.18	105	1331704	43.45	ng		98
24) Nitrobenzene	7.36	77	938094	39.68	ng		98
25) Isophorone	7.60	82	1991388	47.41	ng		96
26) 2-Nitrophenol	7.68	139	552467	48.45	ng		95
27) 2,4-Dimethylphenol	7.72	122	895547	48.14	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	1190219	48.43	ng		100
29) 2,4-Dichlorophenol	7.92	162	791991	46.16	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	832063	44.75	ng	#	96
31) Naphthalene	8.08	128	2505687	41.31	ng		99
32) Benzoic acid	7.87	122	630703	47.57	ng		98
33) 4-Chloroaniline	8.13	127	233872	9.15	ng		95
34) Hexachlorobutadiene	8.20	225	478442	45.76	ng		98
35) Caprolactam	8.52	113	283989m	51.44	ng		
36) 4-Chloro-3-methylphenol	8.62	107	923713	48.80	ng		99
37) 2-Methylnaphthalene	8.77	142	1824116	47.71	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	762760	43.87	ng		99
40) Hexachlorocyclopentadiene	8.93	237	859418	116.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	584283	47.03	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	570185	46.72	ng	#	91
45) 1,1'-Biphenyl	9.24	154	2274821	45.50	ng		99
46) 2-Chloronaphthalene	9.26	162	1690598	45.25	ng		98
47) 2-Nitroaniline	9.36	65	517515	40.57	ng		98
48) Acenaphthylene	9.68	152	2544968	43.96	ng		100
49) Dimethylphthalate	9.55	163	2110514	46.32	ng		99
50) 2,6-Dinitrotoluene	9.61	165	517902	51.84	ng		100
51) Acenaphthene	9.85	154	1742606	43.86	ng		99
52) 3-Nitroaniline	9.77	138	195192	15.69	ng		93
53) 2,4-Dinitrophenol	9.88	184	516921	95.78	ng	#	68
54) Dibenzofuran	10.02	168	2171409	45.96	ng		99
55) 4-Nitrophenol	9.95	139	706568	81.79	ng		98
56) 2,4-Dinitrotoluene	10.01	165	530783	42.53	ng		89
57) Fluorene	10.36	166	1750256	47.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	451403	44.73	ng		99
59) Diethylphthalate	10.25	149	2034740	45.43	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	693667	41.49	ng		98
61) 4-Nitroaniline	10.38	138	463354	39.32	ng		100
62) Azobenzene	10.51	77	2064962	43.33	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	367954	51.98	ng		82
65) n-Nitrosodiphenylamine	10.48	169	1568292	47.06	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	527687	46.89	ng		96
67) Hexachlorobenzene	10.91	284	581177	49.28	ng		94
68) Atrazine	11.01	200	552912	54.90	ng		93
69) Pentachlorophenol	11.10	266	591671	92.97	ng		99
70) Phenanthrene	11.32	178	2757558	51.42	ng		99
71) Anthracene	11.37	178	2296679	40.43	ng		100
72) Carbazole	11.53	167	2379288	47.90	ng		100
73) Di-n-butylphthalate	11.86	149	2763368	43.39	ng		100
74) Fluoranthene	12.50	202	2378237	42.46	ng		100
76) Benzidine	12.63	184	599075	27.99	ng		97
77) Pyrene	12.73	202	2387688	44.46	ng		99
79) Butylbenzylphthalate	13.36	149	1244633	49.52	ng		97
80) Benzo(a)anthracene	13.92	228	2037014	47.89	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	480173	28.21	ng		98
82) Chrysene	13.96	228	2022084	45.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1429938	44.85	ng		99
84) Di-n-octyl phthalate	14.53	149	3039536	51.74	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2130704	49.15	ng		100
87) Benzo(b)fluoranthene	14.93	252	2677347m	50.81	ng		
88) Benzo(k)fluoranthene	14.97	252	1431060m	38.71	ng		
89) Benzo(a)pyrene	15.28	252	1973363	43.64	ng		100
90) Dibenzo(a,h)anthracene	16.71	278	1738193	44.10	ng		99
91) Benzo(g,h,i)perylene	17.09	276	1745463	43.57	ng	#	95

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

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