Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090722.D
Acq On : 21 Oct 2016 20:52
Operator : UM/SJ
Sample : PB94239BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Manual Integrations APPROVED
sohil
10/24/2016 3:52:13 PM

Quant Time: Oct 24 11:01:19 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	6.85	152	279283	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1219577	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	611412	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	937556	20.00	ng		0.00
75) Chrysene-d12	14.02	240	682267	20.00	ng		0.00
86) Perylene-d12	15.46	264	448676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1607971	92.85	ng		0.02
7) Phenol-d6	6.50	99	2219701	94.63	ng		0.00
23) Nitrobenzene-d5	7.42	82	1497544	67.35	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	571039	118.00	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2601326	66.05	ng		-0.01
78) Terphenyl-d14	12.97	244	2163426	72.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	259504	25.90	ng	#	79
3) Pyridine	3.34	79	645115	27.47	ng	#	74
4) n-Nitrosodimethylamine	3.31	42	235075	29.26	ng	#	64
6) Aniline	6.52	93	648962	24.40	ng	#	52
8) 2-Chlorophenol	6.65	128	721932	34.73	ng		94
9) Benzaldehyde	6.41	77	133904	10.44	ng	#	77
10) Phenol	6.51	94	756326	28.68	ng	#	56
11) bis(2-Chloroethyl)ether	6.60	93	766889	34.62	ng		89
12) 1,3-Dichlorobenzene	6.79	146	704794	33.75	ng	#	91
13) 1,4-Dichlorobenzene	6.87	146	746840	33.72	ng	#	93
14) 1,2-Dichlorobenzene	7.02	146	711592m	32.82	ng		
15) Benzyl Alcohol	7.00	79	577650	36.26	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1040606	31.36	ng		75
17) 2-Methylphenol	7.11	107	576294	36.79	ng	#	81
18) Hexachloroethane	7.37	117	297928	33.14	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	554874	31.76	ng	#	71
20) 3+4-Methylphenols	7.27	107	705299	37.99	ng	#	68
22) Acetophenone	7.27	105	983786	36.20	ng	#	80
24) Nitrobenzene	7.45	77	817179	33.90	ng	#	73
25) Isophorone	7.69	82	1549655	36.82	ng	#	89
26) 2-Nitrophenol	7.75	139	362222	36.78	ng	#	46
27) 2,4-Dimethylphenol	7.80	122	627957	35.96	ng	#	79
28) bis(2-Chloroethoxy)methane	7.89	93	879980	38.21	ng	#	93
29) 2,4-Dichlorophenol	8.01	162	567353	39.59	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	626982	37.18	ng		96
31) Naphthalene	8.17	128	2159589	36.20	ng		97
32) Benzoic acid	7.94	122	340637	30.87	ng	#	60
33) 4-Chloroaniline	8.21	127	405090	18.31	ng	#	85
34) Hexachlorobutadiene	8.28	225	327284	34.51	ng		98
35) Caprolactam	8.59	113	173764m	42.45	ng		
36) 4-Chloro-3-methylphenol	8.70	107	604153	36.25	ng	#	79
37) 2-Methylnaphthalene	8.85	142	1296668	37.19	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	589445	35.70	ng		97
40) Hexachlorocyclopentadiene	9.01	237	705241	90.99	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	406370	39.69	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	392959	37.82	ng	#	95
45) 1,1'-Biphenyl	9.32	154	1571629	32.73	ng		91
46) 2-Chloronaphthalene	9.34	162	1231233	34.50	ng	#	88
47) 2-Nitroaniline	9.45	65	437710	36.95	ng	#	80
48) Acenaphthylene	9.77	152	1946005	35.74	ng		96
49) Dimethylphthalate	9.63	163	1484446	38.64	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	306003	37.04	ng	#	54
51) Acenaphthene	9.94	154	1415711	39.16	ng		88
52) 3-Nitroaniline	9.86	138	197891	20.84	ng	#	65
53) 2,4-Dinitrophenol	9.96	184	268825m	63.51	ng		
54) Dibenzofuran	10.11	168	1782778	40.71	ng	#	87
55) 4-Nitrophenol	10.03	139	471694	80.78	ng	#	54
56) 2,4-Dinitrotoluene	10.10	165	412825	40.88	ng	#	94
57) Fluorene	10.45	166	1402090	38.63	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	328432	40.28	ng		93
59) Diethylphthalate	10.33	149	1473982	36.99	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	674378	40.66	ng		90
61) 4-Nitroaniline	10.47	138	326154	33.91	ng	#	46
62) Azobenzene	10.60	77	1733709	37.16	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	191005	33.32	ng		78
65) n-Nitrosodiphenylamine	10.57	169	1193649	39.74	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	393697	43.32	ng		94
67) Hexachlorobenzene	11.00	284	434609	40.52	ng	#	79
68) Atrazine	11.09	200	374426	45.16	ng		85
69) Pentachlorophenol	11.20	266	493334	74.76	ng		98
70) Phenanthrene	11.41	178	1916683m	40.11	ng		
71) Anthracene	11.46	178	1815306	34.25	ng		95
72) Carbazole	11.62	167	1738887	39.24	ng	#	93
73) Di-n-butylphthalate	11.95	149	2236265	38.91	ng	#	96
74) Fluoranthene	12.59	202	1675515	36.24	ng		97
76) Benzidine	12.72	184	518884	34.25	ng	#	96
77) Pyrene	12.82	202	1755836	36.85	ng		95
79) Butylbenzylphthalate	13.45	149	944747	43.13	ng		93
80) Benzo(a)anthracene	14.01	228	1413956	37.87	ng		95
81) 3,3'-Dichlorobenzidine	13.97	252	298321	23.06	ng		98
82) Chrysene	14.05	228	1514275m	41.55	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1235391	39.42	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1761876	37.04	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	943377	29.67	ng	#	95
87) Benzo(b)fluoranthene	15.05	252	1142373	41.41	ng	#	88
88) Benzo(k)fluoranthene	15.07	252	1021689m	36.85	ng		
89) Benzo(a)pyrene	15.40	252	960266	37.10	ng	#	87
90) Dibenzo(a,h)anthracene	16.88	278	808808	32.54	ng	#	87
91) Benzo(g,h,i)perylene	17.29	276	789469	32.75	ng	#	82

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

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