Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091614.D
Acq On : 15 Dec 2016 7:09
Operator : UM/SJ
Sample : PB95264BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95264BS

Manual Integrations APPROVED
sohil
12/15/2016 5:41:49 PM

Quant Time: Dec 15 11:41:31 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	6.80	152	272459	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1100989	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	513521	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	678482	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	501918	20.00	ng		-0.01
86) Perylene-d12	15.36	264	417556	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1259902	77.91	ng		-0.01
7) Phenol-d6	6.44	99	1651220	81.90	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1870396	94.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	254680	59.71	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2493472	83.90	ng		-0.02
78) Terphenyl-d14	12.90	244	1833823	82.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	312639	36.63	ng		87
3) Pyridine	3.12	79	907661	39.91	ng	#	80
4) n-Nitrosodimethylamine	3.07	42	433767	44.40	ng	#	61
6) Aniline	6.45	93	555780	21.03	ng	#	31
8) 2-Chlorophenol	6.58	128	803212	44.00	ng		91
9) Benzaldehyde	6.34	77	170125m	12.26	ng		
10) Phenol	6.45	94	1141688	48.43	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	858448	48.48	ng		88
12) 1,3-Dichlorobenzene	6.74	146	898869	45.41	ng		96
13) 1,4-Dichlorobenzene	6.81	146	862070	44.15	ng		95
14) 1,2-Dichlorobenzene	6.97	146	841384	47.82	ng		97
15) Benzyl Alcohol	6.94	79	744794	46.79	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1250194	45.56	ng		80
17) 2-Methylphenol	7.06	107	670374m	44.38	ng		
18) Hexachloroethane	7.31	117	281222	36.91	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	624642	49.55	ng	#	77
20) 3+4-Methylphenols	7.22	107	838781	51.90	ng		92
22) Acetophenone	7.21	105	1184710	44.91	ng	#	97
24) Nitrobenzene	7.38	77	830378	39.84	ng	#	90
25) Isophorone	7.62	82	1634291	46.60	ng		98
26) 2-Nitrophenol	7.70	139	280699	30.52	ng	#	76
27) 2,4-Dimethylphenol	7.74	122	736103	45.56	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	1029645	50.06	ng		99
29) 2,4-Dichlorophenol	7.95	162	623169	44.33	ng		92
30) 1,2,4-Trichlorobenzene	8.03	180	726204	45.46	ng		95
31) Naphthalene	8.10	128	2300441	44.91	ng		99
32) Benzoic acid	7.84	122	259870m	25.02	ng		
33) 4-Chloroaniline	8.16	127	320347	14.52	ng		95
34) Hexachlorobutadiene	8.22	225	384116	41.94	ng		98
35) Caprolactam	8.53	113	210840	51.36	ng	#	46
36) 4-Chloro-3-methylphenol	8.65	107	661086	41.93	ng		98
37) 2-Methylnaphthalene	8.80	142	1456051	43.92	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	673766	47.84	ng		98
40) Hexachlorocyclopentadiene	8.96	237	184616	29.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	396176	43.78	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	363046	39.04	ng		93
45) 1,1'-Biphenyl	9.26	154	1863956	50.11	ng		96
46) 2-Chloronaphthalene	9.29	162	1397150	48.51	ng		97
47) 2-Nitroaniline	9.38	65	432840	44.69	ng		88
48) Acenaphthylene	9.70	152	2017961	45.96	ng		99
49) Dimethylphthalate	9.56	163	1492334	45.90	ng		98
50) 2,6-Dinitrotoluene	9.63	165	293417	41.11	ng	#	55
51) Acenaphthene	9.87	154	1192513	39.11	ng		97
52) 3-Nitroaniline	9.79	138	339505	40.50	ng		94
53) 2,4-Dinitrophenol	9.89	184	15916	8.00	ng		90
54) Dibenzofuran	10.04	168	1714831	45.45	ng		98
55) 4-Nitrophenol	9.96	139	349043	55.96	ng	#	80
56) 2,4-Dinitrotoluene	10.03	165	357508	39.96	ng		98
57) Fluorene	10.38	166	1230117	45.71	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	257037	35.30	ng	#	96
59) Diethylphthalate	10.26	149	1568174	50.08	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	589261	43.44	ng		97
61) 4-Nitroaniline	10.41	138	404959	48.61	ng		91
62) Azobenzene	10.53	77	1586877	44.73	ng		87
64) 4,6-Dinitro-2-methylphenol	10.43	198	18056	7.06	ng	#	66
65) n-Nitrosodiphenylamine	10.50	169	1220883	60.36	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	369101	53.06	ng		97
67) Hexachlorobenzene	10.93	284	386742	53.47	ng	#	90
68) Atrazine	11.02	200	292466	44.97	ng		99
69) Pentachlorophenol	11.13	266	245153	60.22	ng		95
70) Phenanthrene	11.34	178	1792848	53.36	ng		100
71) Anthracene	11.39	178	1668456	46.04	ng		99
72) Carbazole	11.55	167	1549859	48.79	ng		100
73) Di-n-butylphthalate	11.88	149	2097286	56.67	ng		98
74) Fluoranthene	12.52	202	1566015	44.51	ng		92
76) Benzidine	12.65	184	424475	27.35	ng		98
77) Pyrene	12.75	202	1536221	38.58	ng		99
79) Butylbenzylphthalate	13.38	149	772597	49.77	ng		97
80) Benzo(a)anthracene	13.94	228	1344893	46.14	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	402400	38.44	ng	#	97
82) Chrysene	13.97	228	1216819	39.90	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	983116	49.37	ng		98
84) Di-n-octyl phthalate	14.56	149	1874543	55.46	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.73	276	1085856	39.57	ng		98
87) Benzo(b)fluoranthene	14.96	252	1491837m	59.93	ng		
88) Benzo(k)fluoranthene	14.99	252	950478m	43.43	ng		
89) Benzo(a)pyrene	15.30	252	1135403	50.63	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	906310	45.12	ng		100
91) Benzo(g,h,i)perylene	17.14	276	872138	42.66	ng		98

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

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