Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090603.D
Acq On : 17 Oct 2016 12:33
Operator : UM/SJ
Sample : PB94073BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Manual Integrations APPROVED
SOHIL
10/18/2016 6:05:30 PM

Quant Time: Oct 18 11:12:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 15:58:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	210995	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	913402	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	472017	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	808541	20.00	ng		0.00
75) Chrysene-d12	14.09	240	791818	20.00	ng		0.00
86) Perylene-d12	15.54	264	588835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1471914	127.89	ng		0.02
7) Phenol-d6	6.54	99	1809690	105.82	ng		0.00
23) Nitrobenzene-d5	7.47	82	1232229	74.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	519137	123.36	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1995838	69.67	ng		0.00
78) Terphenyl-d14	13.02	244	2223412	65.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	194253	29.61	ng		95
3) Pyridine	3.35	79	525809m	35.76	ng		
4) n-Nitrosodimethylamine	3.31	42	167610	34.26	ng		85
6) Aniline	6.57	93	419496	20.30	ng	#	66
8) 2-Chlorophenol	6.69	128	543352	36.41	ng		95
9) Benzaldehyde	6.45	77	54410	5.00	ng		93
10) Phenol	6.55	94	646208	33.04	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	574466	35.60	ng		96
12) 1,3-Dichlorobenzene	6.85	146	514627	34.58	ng		96
13) 1,4-Dichlorobenzene	6.92	146	535653	33.09	ng		93
14) 1,2-Dichlorobenzene	7.08	146	562994	37.20	ng		98
15) Benzyl Alcohol	7.05	79	441189	37.87	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	807111	35.54	ng		94
17) 2-Methylphenol	7.17	107	436054	37.49	ng		96
18) Hexachloroethane	7.42	117	227465	35.56	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	417688	35.62	ng		95
20) 3+4-Methylphenols	7.32	107	543469	38.54	ng	#	86
22) Acetophenone	7.32	105	729052	36.13	ng		94
24) Nitrobenzene	7.49	77	606078	35.92	ng		92
25) Isophorone	7.73	82	1147201	38.33	ng		97
26) 2-Nitrophenol	7.81	139	281891	36.82	ng	#	88
27) 2,4-Dimethylphenol	7.85	122	444391	34.98	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	669139	37.87	ng		98
29) 2,4-Dichlorophenol	8.05	162	405490	36.44	ng		93
30) 1,2,4-Trichlorobenzene	8.13	180	432694	33.20	ng		95
31) Naphthalene	8.21	128	1555593	33.43	ng		99
32) Benzoic acid	7.97	122	205845	26.38	ng		97
33) 4-Chloroaniline	8.27	127	196406	11.04	ng		97
34) Hexachlorobutadiene	8.34	225	255837	35.13	ng		99
35) Caprolactam	8.63	113	142749m	45.97	ng		
36) 4-Chloro-3-methylphenol	8.75	107	465396	36.25	ng		94
37) 2-Methylnaphthalene	8.91	142	968968	35.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	455785	36.42	ng		99
40) Hexachlorocyclopentadiene	9.07	237	501673	82.06	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	268367	38.02	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	301903	35.85	ng		95
45) 1,1'-Biphenyl	9.38	154	1264605	35.21	ng		98
46) 2-Chloronaphthalene	9.40	162	980017	36.59	ng		97
47) 2-Nitroaniline	9.49	65	332767	34.27	ng	#	81
48) Acenaphthylene	9.81	152	1409408	33.05	ng		100
49) Dimethylphthalate	9.67	163	1043547	34.07	ng		100
50) 2,6-Dinitrotoluene	9.74	165	240326	35.86	ng	#	85
51) Acenaphthene	9.98	154	1001021	35.31	ng		100
52) 3-Nitroaniline	9.91	138	134980	16.05	ng		92
53) 2,4-Dinitrophenol	10.02	184	215464	60.70	ng	#	65
54) Dibenzofuran	10.17	168	1326994	35.59	ng		98
55) 4-Nitrophenol	10.07	139	388951	76.86	ng		98
56) 2,4-Dinitrotoluene	10.14	165	356934	39.21	ng		98
57) Fluorene	10.51	166	1078196	35.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	266407	37.98	ng		95
59) Diethylphthalate	10.38	149	1170601	37.69	ng	#	94
60) 4-Chlorophenyl-phenylether	10.50	204	536075	36.97	ng		96
61) 4-Nitroaniline	10.53	138	273702	32.46	ng		95
62) Azobenzene	10.66	77	1392205	38.75	ng		98
64) 4,6-Dinitro-2-methylphenol	10.55	198	156727	32.03	ng		91
65) n-Nitrosodiphenylamine	10.61	169	911570	34.13	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	297470	34.29	ng		98
67) Hexachlorobenzene	11.06	284	320110	33.98	ng	#	60
68) Atrazine	11.14	200	267377	36.20	ng		100
69) Pentachlorophenol	11.25	266	368490	78.93	ng		96
70) Phenanthrene	11.47	178	1554523	36.02	ng		99
71) Anthracene	11.51	178	1630472	35.10	ng		100
72) Carbazole	11.67	167	1509762	36.31	ng		100
73) Di-n-butylphthalate	12.01	149	1883075	38.66	ng		100
74) Fluoranthene	12.66	202	1681063	38.72	ng		99
76) Benzidine	12.78	184	450198	22.85	ng		96
77) Pyrene	12.89	202	1715843	32.72	ng		100
79) Butylbenzylphthalate	13.50	149	840003	36.15	ng		99
80) Benzo(a)anthracene	14.08	228	1515041	33.61	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	296434	19.25	ng	#	98
82) Chrysene	14.11	228	1364351	31.41	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	990892	31.61	ng		98
84) Di-n-octyl phthalate	14.68	149	1644069	39.12	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.99	276	1111614	44.27	ng		95
87) Benzo(b)fluoranthene	15.12	252	1480912	38.43	ng		97
88) Benzo(k)fluoranthene	15.15	252	1255795m	30.29	ng		
89) Benzo(a)pyrene	15.48	252	1254037	35.55	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	964285	35.84	ng	#	94
91) Benzo(g,h,i)perylene	17.42	276	884139	34.47	ng		96

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

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