Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084633.D
Acq On : 29 Jan 2016 13:54
Operator : SJ/IZ
Sample : PB88038BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88038BS

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:10 PM

Quant Time: Jan 29 23:25:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130620	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	703871	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	342496	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	627533	20.00	ng		0.00
75) Chrysene-d12	13.88	240	519679	20.00	ng		0.01
86) Perylene-d12	15.27	264	471938	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1087767	125.71	ng		0.02
7) Phenol-d6	6.37	99	1238758	119.44	ng		0.00
23) Nitrobenzene-d5	7.30	82	1036978	82.33	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	417914	116.42	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1644568	71.37	ng		0.00
78) Terphenyl-d14	12.83	244	1695872	73.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	165835	41.10	ng	#	77
3) Pyridine	2.99	79	401681	37.37	ng	#	74
4) n-Nitrosodimethylamine	2.94	42	249203	47.41	ng		85
6) Aniline	6.38	93	163840	12.31	ng	#	1
8) 2-Chlorophenol	6.51	128	403383	42.03	ng		91
9) Benzaldehyde	6.27	77	21036	3.50	ng		96
10) Phenol	6.38	94	371052	32.10	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	344084	38.27	ng	#	83
12) 1,3-Dichlorobenzene	6.66	146	346018m	33.65	ng		
13) 1,4-Dichlorobenzene	6.74	146	359279	35.60	ng		98
14) 1,2-Dichlorobenzene	6.90	146	381298	41.03	ng		97
15) Benzyl Alcohol	6.88	79	315019	44.63	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.01	45	585331	38.04	ng		85
17) 2-Methylphenol	7.00	107	295636	39.73	ng	#	91
18) Hexachloroethane	7.24	117	194129	49.17	ng	#	87
19) n-Nitroso-di-n-propylamine	7.15	70	280823	44.33	ng	#	75
20) 3+4-Methylphenols	7.15	107	397117	43.98	ng	#	76
22) Acetophenone	7.14	105	547860	29.80	ng		97
24) Nitrobenzene	7.31	77	447656	33.44	ng		96
25) Isophorone	7.55	82	870000	36.87	ng		97
26) 2-Nitrophenol	7.63	139	248447	39.03	ng	#	86
27) 2,4-Dimethylphenol	7.68	122	415999	37.29	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	527901	37.28	ng		100
29) 2,4-Dichlorophenol	7.88	162	384173	39.37	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	395813	35.47	ng		97
31) Naphthalene	8.03	128	1233129	34.70	ng		99
32) Benzoic acid	7.81	122	283064	33.05	ng		96
33) 4-Chloroaniline	8.09	127	88485	6.12	ng		96
34) Hexachlorobutadiene	8.16	225	246087	37.32	ng		98
35) Caprolactam	8.45	113	126560m	45.20	ng		
36) 4-Chloro-3-methylphenol	8.59	107	437189	40.70	ng		92
37) 2-Methylnaphthalene	8.73	142	938129	43.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	359702	32.38	ng		97
40) Hexachlorocyclopentadiene	8.88	237	418496	82.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	267317	38.74	ng		92
43) 2,4,5-Trichlorophenol	9.06	196	268765	37.73	ng		93
45) 1,1'-Biphenyl	9.20	154	1079808	34.40	ng		95
46) 2-Chloronaphthalene	9.22	162	805461	35.17	ng	#	86
47) 2-Nitroaniline	9.31	65	237733	34.56	ng		95
48) Acenaphthylene	9.63	152	1288114	37.12	ng		99
49) Dimethylphthalate	9.50	163	983288	38.25	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	229148	40.52	ng		92
51) Acenaphthene	9.80	154	840893	36.19	ng		98
52) 3-Nitroaniline	9.72	138	55605	9.41	ng		88
53) 2,4-Dinitrophenol	9.84	184	254855	91.32	ng	#	89
54) Dibenzofuran	9.97	168	1146865	41.36	ng		95
55) 4-Nitrophenol	9.90	139	337353	77.71	ng	#	79
56) 2,4-Dinitrotoluene	9.96	165	292789	39.85	ng	#	90
57) Fluorene	10.32	166	903225	38.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	225810	41.92	ng		89
59) Diethylphthalate	10.20	149	1000100	39.74	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	380070	36.02	ng		93
61) 4-Nitroaniline	10.34	138	206513	36.92	ng		94
62) Azobenzene	10.46	77	980793	40.72	ng		88
64) 4,6-Dinitro-2-methylphenol	10.37	198	162441	39.63	ng		69
65) n-Nitrosodiphenylamine	10.43	169	817209	40.16	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	276170	39.08	ng	#	90
67) Hexachlorobenzene	10.85	284	286054	37.21	ng	#	85
68) Atrazine	10.96	200	236818	38.85	ng		96
69) Pentachlorophenol	11.06	266	322634	86.87	ng		98
70) Phenanthrene	11.26	178	1260759	36.33	ng		98
71) Anthracene	11.32	178	1416317	40.14	ng		99
72) Carbazole	11.48	167	1304894	42.92	ng		98
73) Di-n-butylphthalate	11.81	149	1437541	38.87	ng	#	96
74) Fluoranthene	12.45	202	1487048	43.35	ng		96
76) Benzidine	12.58	184	352341	17.83	ng		99
77) Pyrene	12.68	202	1541427	39.33	ng		99
79) Butylbenzylphthalate	13.31	149	678153	40.50	ng		98
80) Benzo(a)anthracene	13.87	228	1247815	38.52	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	233176	20.46	ng		98
82) Chrysene	13.91	228	1207321	37.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	833177	38.36	ng		98
84) Di-n-octyl phthalate	14.49	149	1500613	43.73	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.57	276	977665	34.63	ng		98
87) Benzo(b)fluoranthene	14.88	252	1121455m	36.70	ng		
88) Benzo(k)fluoranthene	14.90	252	1045697m	41.43	ng		
89) Benzo(a)pyrene	15.21	252	1046721	39.60	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	814872	34.21	ng	#	94
91) Benzo(g,h,i)perylene	16.97	276	788075	32.76	ng		95

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

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