Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084636.D
Acq On : 29 Jan 2016 15:17
Operator : SJ/IZ
Sample : PB88072BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88072BS

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:14 PM

Quant Time: Jan 29 23:32:28 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	170824	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	669609	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	250754	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	493772	20.00	ng		0.00
75) Chrysene-d12	13.88	240	468140	20.00	ng		0.01
86) Perylene-d12	15.25	264	411798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1271833	112.39	ng		0.02
7) Phenol-d6	6.37	99	1458353	107.52	ng		0.00
23) Nitrobenzene-d5	7.30	82	984251	82.15	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	346973	132.02	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1631655	96.72	ng		0.00
78) Terphenyl-d14	12.83	244	1666085	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	156181	29.60	ng	#	76
3) Pyridine	2.98	79	399044	28.39	ng	#	75
4) n-Nitrosodimethylamine	2.92	42	244439	35.56	ng		78
6) Aniline	6.38	93	298179	17.13	ng	#	1
8) 2-Chlorophenol	6.51	128	473753	37.74	ng		92
9) Benzaldehyde	6.27	77	26101	3.32	ng		95
10) Phenol	6.38	94	469992	31.09	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	419882	35.71	ng	#	82
12) 1,3-Dichlorobenzene	6.66	146	452515m	33.65	ng		
13) 1,4-Dichlorobenzene	6.74	146	459076	34.78	ng		97
14) 1,2-Dichlorobenzene	6.90	146	459852	37.84	ng		96
15) Benzyl Alcohol	6.88	79	365419	39.58	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	704373	35.00	ng		86
17) 2-Methylphenol	7.00	107	378724	38.92	ng		94
18) Hexachloroethane	7.24	117	187461	36.31	ng	#	86
19) n-Nitroso-di-n-propylamine	7.15	70	331137	39.97	ng	#	76
20) 3+4-Methylphenols	7.15	107	445876	37.76	ng	#	77
22) Acetophenone	7.14	105	625012	35.74	ng		98
24) Nitrobenzene	7.31	77	446574	35.07	ng		93
25) Isophorone	7.55	82	871330	38.82	ng		97
26) 2-Nitrophenol	7.63	139	247029	40.79	ng	#	86
27) 2,4-Dimethylphenol	7.68	122	420544	39.63	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	517443	38.41	ng		99
29) 2,4-Dichlorophenol	7.88	162	393420	42.39	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	394526	37.17	ng		96
31) Naphthalene	8.03	128	1211450	35.84	ng		99
32) Benzoic acid	7.81	122	278143	34.14	ng		95
33) 4-Chloroaniline	8.09	127	110447	8.03	ng		93
34) Hexachlorobutadiene	8.16	225	235461	37.54	ng		98
35) Caprolactam	8.45	113	122580m	46.02	ng		
36) 4-Chloro-3-methylphenol	8.59	107	445886	43.63	ng		92
37) 2-Methylnaphthalene	8.73	142	944074	45.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	344582	42.37	ng		98
40) Hexachlorocyclopentadiene	8.88	237	407659	110.26	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	258630	51.20	ng		93
43) 2,4,5-Trichlorophenol	9.06	196	289522	55.51	ng		98
45) 1,1'-Biphenyl	9.20	154	1039763	45.24	ng		95
46) 2-Chloronaphthalene	9.21	162	791654	47.21	ng		97
47) 2-Nitroaniline	9.31	65	242924	48.24	ng		95
48) Acenaphthylene	9.63	152	1092280	42.99	ng		99
49) Dimethylphthalate	9.50	163	982829	52.22	ng	#	92
50) 2,6-Dinitrotoluene	9.56	165	234196	56.56	ng		96
51) Acenaphthene	9.80	154	692263	40.69	ng		98
52) 3-Nitroaniline	9.72	138	58155	13.44	ng	#	92
53) 2,4-Dinitrophenol	9.84	184	214621	105.04	ng		92
54) Dibenzofuran	9.97	168	985821	48.56	ng		95
55) 4-Nitrophenol	9.90	139	256480	80.70	ng	#	70
56) 2,4-Dinitrotoluene	9.96	165	249177	46.32	ng	#	92
57) Fluorene	10.32	166	700026	40.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	182082	46.17	ng		94
59) Diethylphthalate	10.20	149	793253	43.06	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	295784	38.28	ng		89
61) 4-Nitroaniline	10.34	138	155624	38.00	ng		95
62) Azobenzene	10.46	77	793436	45.00	ng		86
64) 4,6-Dinitro-2-methylphenol	10.37	198	121949	37.81	ng		72
65) n-Nitrosodiphenylamine	10.43	169	627496	39.19	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	218843	39.35	ng	#	90
67) Hexachlorobenzene	10.85	284	211927	35.03	ng	#	78
68) Atrazine	10.96	200	181193	37.77	ng		97
69) Pentachlorophenol	11.06	266	245327	83.95	ng		99
70) Phenanthrene	11.26	178	1064620	38.99	ng		98
71) Anthracene	11.32	178	1232895	44.41	ng		99
72) Carbazole	11.48	167	1352438	56.53	ng		98
73) Di-n-butylphthalate	11.81	149	1482424	50.95	ng	#	96
74) Fluoranthene	12.45	202	1485630	55.04	ng		97
76) Benzidine	12.58	184	490607	27.55	ng		99
77) Pyrene	12.68	202	1561200	44.22	ng		99
79) Butylbenzylphthalate	13.31	149	676125	44.82	ng		98
80) Benzo(a)anthracene	13.86	228	1236155	42.36	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	253888	24.73	ng	#	99
82) Chrysene	13.91	228	1215816	42.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	839851	42.92	ng		99
84) Di-n-octyl phthalate	14.49	149	1516339	49.05	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	893825	35.15	ng		99
87) Benzo(b)fluoranthene	14.88	252	1100217m	41.26	ng		
88) Benzo(k)fluoranthene	14.90	252	963618m	43.75	ng		
89) Benzo(a)pyrene	15.21	252	995675	43.17	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	757787	36.45	ng		99
91) Benzo(g,h,i)perylene	16.97	276	738863	35.20	ng		96

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

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