Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086247.D
Acq On : 16 Apr 2016 6:32
Operator : UM/SJ
Sample : PB89866BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89866BS

Manual Integrations APPROVED
Sohil
4/18/2016 7:31:03 PM

Quant Time: Apr 18 04:38:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	281997	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1139308	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	536459	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	915084	20.00	ng		0.00
75) Chrysene-d12	14.05	240	542625	20.00	ng		0.00
86) Perylene-d12	15.48	264	467546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1894569	110.08	ng		0.02
7) Phenol-d6	6.52	99	2275853	105.72	ng		0.00
23) Nitrobenzene-d5	7.46	82	1509727	76.43	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	454569	105.52	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2344832	80.66	ng		0.00
78) Terphenyl-d14	13.00	244	1693526	78.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	290680	30.63	ng		97
3) Pyridine	3.32	79	840912	33.97	ng		95
4) n-Nitrosodimethylamine	3.26	42	349882	39.13	ng	#	66
6) Aniline	6.56	93	693917	22.36	ng		97
8) 2-Chlorophenol	6.68	128	723226	37.15	ng		83
9) Benzaldehyde	6.44	77	205799	13.47	ng		95
10) Phenol	6.53	94	753163	29.38	ng		87
11) bis(2-Chloroethyl)ether	6.64	93	772429	40.05	ng		97
12) 1,3-Dichlorobenzene	6.83	146	735728	35.61	ng		99
13) 1,4-Dichlorobenzene	6.91	146	728448	37.01	ng		99
14) 1,2-Dichlorobenzene	7.07	146	681015	38.99	ng		99
15) Benzyl Alcohol	7.04	79	612929	40.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1100419	36.62	ng		100
17) 2-Methylphenol	7.15	107	676110	41.68	ng		95
18) Hexachloroethane	7.41	117	290973	39.19	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	462785	33.59	ng	#	85
20) 3+4-Methylphenols	7.30	107	653016	35.94	ng		92
22) Acetophenone	7.31	105	912591	42.37	ng	#	99
24) Nitrobenzene	7.48	77	886148	41.03	ng		94
25) Isophorone	7.72	82	1524387	38.89	ng		98
26) 2-Nitrophenol	7.79	139	376712	40.01	ng		93
27) 2,4-Dimethylphenol	7.84	122	774264	40.72	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	885661	38.43	ng		100
29) 2,4-Dichlorophenol	8.03	162	590831	40.87	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	588258	38.88	ng		99
31) Naphthalene	8.20	128	1980389	38.93	ng		100
32) Benzoic acid	7.95	122	510336	41.98	ng		97
33) 4-Chloroaniline	8.25	127	299890	13.19	ng		95
34) Hexachlorobutadiene	8.33	225	305147	40.25	ng		100
35) Caprolactam	8.62	113	234518m	44.80	ng		
36) 4-Chloro-3-methylphenol	8.73	107	676095	40.35	ng		93
37) 2-Methylnaphthalene	8.90	142	1396448	42.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	421631	35.49	ng		97
40) Hexachlorocyclopentadiene	9.05	237	492963	77.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	406585	38.47	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	402607	39.44	ng	#	88
45) 1,1'-Biphenyl	9.36	154	1456151	37.71	ng		100
46) 2-Chloronaphthalene	9.38	162	1183676	37.54	ng		99
47) 2-Nitroaniline	9.47	65	401330	39.29	ng		97
48) Acenaphthylene	9.80	152	2027770	40.42	ng		100
49) Dimethylphthalate	9.66	163	1548589	39.70	ng		99
50) 2,6-Dinitrotoluene	9.72	165	374041	43.34	ng		98
51) Acenaphthene	9.97	154	1307585	43.63	ng		99
52) 3-Nitroaniline	9.88	138	217250	20.71	ng		98
53) 2,4-Dinitrophenol	9.98	184	242900	76.24	ng		92
54) Dibenzofuran	10.14	168	1752164	44.27	ng		96
55) 4-Nitrophenol	10.04	139	535405	65.26	ng		93
56) 2,4-Dinitrotoluene	10.12	165	488275	44.19	ng	#	87
57) Fluorene	10.49	166	1184427	43.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	320994	43.29	ng		99
59) Diethylphthalate	10.36	149	1455672	36.15	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	487660	42.77	ng		99
61) 4-Nitroaniline	10.50	138	348086	38.40	ng		92
62) Azobenzene	10.64	77	1639664	41.62	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	181116	41.59	ng		96
65) n-Nitrosodiphenylamine	10.59	169	1138100	40.61	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	336375	39.44	ng		94
67) Hexachlorobenzene	11.02	284	364006	40.73	ng		97
68) Atrazine	11.13	200	382781	44.57	ng		95
69) Pentachlorophenol	11.22	266	367382	67.79	ng		97
70) Phenanthrene	11.45	178	1866226	42.70	ng		99
71) Anthracene	11.49	178	1702923	39.37	ng		100
72) Carbazole	11.64	167	1722331	41.44	ng		100
73) Di-n-butylphthalate	11.98	149	2112666	37.59	ng		100
74) Fluoranthene	12.62	202	1619940	42.78	ng		98
76) Benzidine	12.75	184	524838	24.93	ng		96
77) Pyrene	12.85	202	1629690	39.15	ng		98
79) Butylbenzylphthalate	13.48	149	932809	48.51	ng		95
80) Benzo(a)anthracene	14.04	228	1090138	36.60	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	237373	13.75	ng	#	96
82) Chrysene	14.08	228	1197294	37.70	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	879384	42.35	ng		99
84) Di-n-octyl phthalate	14.65	149	1617881	40.42	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1266472	48.51	ng		97
87) Benzo(b)fluoranthene	15.07	252	1052263	36.48	ng		99
88) Benzo(k)fluoranthene	15.11	252	1067853m	40.60	ng		
89) Benzo(a)pyrene	15.43	252	1030044	41.22	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	1047223	47.43	ng		99
91) Benzo(g,h,i)perylene	17.32	276	1125090	47.92	ng		95

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

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