Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086424.D
Acq On : 27 Apr 2016 15:15
Operator : UM/SJ
Sample : PB90056BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90056BS

Manual Integrations APPROVED
sohil
4/28/2016 2:14:08 PM

Quant Time: Apr 28 13:14:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118563	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	490882	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	245404	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	445008	20.00	ng		0.00
75) Chrysene-d12	13.96	240	319841	20.00	ng		0.00
86) Perylene-d12	15.36	264	257808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	782497	113.84	ng		0.01
7) Phenol-d6	6.44	99	1057735	110.26	ng		0.00
23) Nitrobenzene-d5	7.37	82	691584	75.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	316833	122.43	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1256358	90.94	ng		0.00
78) Terphenyl-d14	12.91	244	1155135	79.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	108824	30.14	ng	#	77
3) Pyridine	3.13	79	299362	35.03	ng	#	76
4) n-Nitrosodimethylamine	3.07	42	189995	39.01	ng	#	59
6) Aniline	6.46	93	399317	34.40	ng		98
8) 2-Chlorophenol	6.59	128	336511	39.31	ng		98
9) Benzaldehyde	6.35	77	57596	10.32	ng		92
10) Phenol	6.45	94	421826	39.41	ng		79
11) bis(2-Chloroethyl)ether	6.54	93	369708	39.96	ng		93
12) 1,3-Dichlorobenzene	6.74	146	324149m	35.20	ng		
13) 1,4-Dichlorobenzene	6.82	146	341554	35.95	ng		95
14) 1,2-Dichlorobenzene	6.98	146	320876	36.82	ng		95
15) Benzyl Alcohol	6.94	79	264874	43.64	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	696377	37.60	ng		89
17) 2-Methylphenol	7.07	107	280344	40.51	ng		97
18) Hexachloroethane	7.32	117	129085	36.36	ng	#	78
19) n-Nitroso-di-n-propylamine	7.22	70	246868	38.93	ng	#	70
20) 3+4-Methylphenols	7.22	107	318880	40.36	ng		99
22) Acetophenone	7.22	105	453671	42.15	ng	#	88
24) Nitrobenzene	7.39	77	380700	40.64	ng		98
25) Isophorone	7.63	82	688568	39.29	ng		99
26) 2-Nitrophenol	7.71	139	178306	41.34	ng		97
27) 2,4-Dimethylphenol	7.74	122	296090	39.12	ng		91
28) bis(2-Chloroethoxy)methane	7.85	93	435996	45.66	ng		99
29) 2,4-Dichlorophenol	7.95	162	281339	44.06	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	283397	38.26	ng		96
31) Naphthalene	8.11	128	968383	38.77	ng		99
32) Benzoic acid	7.88	122	147246	35.03	ng		96
33) 4-Chloroaniline	8.17	127	299820	32.05	ng		99
34) Hexachlorobutadiene	8.24	225	162457	39.12	ng		98
35) Caprolactam	8.53	113	89474m	42.00	ng		
36) 4-Chloro-3-methylphenol	8.65	107	303402	41.50	ng		93
37) 2-Methylnaphthalene	8.81	142	641979	43.56	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	243071	34.60	ng	#	97
40) Hexachlorocyclopentadiene	8.96	237	281320	80.59	ng		96

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Quant Time: Apr 28 13:14:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	179493	40.42	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	191657	39.60	ng		95
45) 1,1'-Biphenyl	9.26	154	762258	37.16	ng		96
46) 2-Chloronaphthalene	9.29	162	576293	36.95	ng		92
47) 2-Nitroaniline	9.39	65	222151	44.42	ng		89
48) Acenaphthylene	9.71	152	952763	39.08	ng		99
49) Dimethylphthalate	9.57	163	688001	37.24	ng		100
50) 2,6-Dinitrotoluene	9.63	165	144840	37.95	ng	#	82
51) Acenaphthene	9.88	154	682623	43.59	ng		99
52) 3-Nitroaniline	9.80	138	139968	32.25	ng		93
53) 2,4-Dinitrophenol	9.90	184	150199	72.76	ng	#	74
54) Dibenzofuran	10.05	168	850105	43.44	ng		100
55) 4-Nitrophenol	9.97	139	246410	86.70	ng		94
56) 2,4-Dinitrotoluene	10.04	165	200426	41.19	ng	#	79
57) Fluorene	10.40	166	643218	37.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	174341	46.08	ng		96
59) Diethylphthalate	10.27	149	641079	36.66	ng		100
60) 4-Chlorophenyl-phenylether	10.38	204	294758	38.21	ng		92
61) 4-Nitroaniline	10.42	138	177611	41.86	ng		85
62) Azobenzene	10.54	77	807573	42.16	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	105426	40.35	ng	#	60
65) n-Nitrosodiphenylamine	10.51	169	588634	42.32	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	193795	42.26	ng	#	88
67) Hexachlorobenzene	10.93	284	202280	38.11	ng	#	68
68) Atrazine	11.04	200	192031	45.98	ng		96
69) Pentachlorophenol	11.13	266	216600	77.40	ng		97
70) Phenanthrene	11.34	178	919913	39.39	ng		100
71) Anthracene	11.40	178	1013957	40.68	ng		100
72) Carbazole	11.56	167	926358	41.94	ng		99
73) Di-n-butylphthalate	11.89	149	1075132	42.96	ng		99
74) Fluoranthene	12.53	202	995804	42.24	ng		97
76) Benzidine	12.66	184	383466	34.89	ng		97
77) Pyrene	12.76	202	998561	43.33	ng		99
79) Butylbenzylphthalate	13.38	149	424734	42.55	ng	#	63
80) Benzo(a)anthracene	13.95	228	697840	40.92	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	177687	15.59	ng	#	96
82) Chrysene	13.99	228	821646	44.33	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	529657	42.75	ng	#	99
84) Di-n-octyl phthalate	14.56	149	906807	46.74	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.72	276	559908	40.77	ng		97
87) Benzo(b)fluoranthene	14.97	252	701270m	46.24	ng		
88) Benzo(k)fluoranthene	14.99	252	592015m	37.42	ng		
89) Benzo(a)pyrene	15.30	252	587226	41.01	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	469303	40.05	ng	#	95
91) Benzo(g,h,i)perylene	17.13	276	466567	39.73	ng		93

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

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