Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089396.D
Acq On : 29 Jul 2016 7:24
Operator : UM/SJ
Sample : PB92528BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92528BS

Quant Time: Jul 29 08:01:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	50112	20.00	ng		-0.02
21) Naphthalene-d8	7.82	136	194539	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	79189	20.00	ng		-0.02
63) Phenanthrene-d10	11.03	188	129146	20.00	ng		-0.02
75) Chrysene-d12	13.65	240	88287	20.00	ng		-0.02
86) Perylene-d12	14.98	264	81045	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	370116	117.93	ng		0.00
7) Phenol-d6	6.19	99	482953	116.44	ng		-0.01
23) Nitrobenzene-d5	7.11	82	320469	97.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.35	330	79698	121.52	ng		-0.01
44) 2-Fluorobiphenyl	8.89	172	525401	97.37	ng		-0.02
78) Terphenyl-d14	12.62	244	366317	97.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	42884	29.21	ng	#	95
3) Pyridine	2.59	79	105824	34.46	ng		97
4) n-Nitrosodimethylamine	2.56	42	49524	40.60	ng		93
6) Aniline	6.19	93	162499	36.28	ng		95
8) 2-Chlorophenol	6.32	128	139762	39.37	ng		96
9) Benzaldehyde	6.07	77	19658	9.71	ng		95
10) Phenol	6.20	94	180777	39.50	ng		98
11) bis(2-Chloroethyl)ether	6.27	93	145784	37.49	ng		91
12) 1,3-Dichlorobenzene	6.47	146	142315m	38.32	ng		
13) 1,4-Dichlorobenzene	6.55	146	149502	36.48	ng		94
14) 1,2-Dichlorobenzene	6.70	146	150032	39.08	ng		96
15) Benzyl Alcohol	6.68	79	119612	46.47	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.82	45	152014	35.84	ng		95
17) 2-Methylphenol	6.81	107	102112	37.21	ng		97
18) Hexachloroethane	7.04	117	51765	32.95	ng	#	77
19) n-Nitroso-di-n-propylamine	6.96	70	98355	39.33	ng	#	88
20) 3+4-Methylphenols	6.97	107	143052	40.60	ng	#	89
22) Acetophenone	6.95	105	205653	44.40	ng	#	95
24) Nitrobenzene	7.12	77	138927	37.04	ng		89
25) Isophorone	7.36	82	273773	41.24	ng		96
26) 2-Nitrophenol	7.44	139	72914	43.48	ng	#	91
27) 2,4-Dimethylphenol	7.50	122	122755	45.95	ng		98
28) bis(2-Chloroethoxy)methane	7.59	93	183227	49.86	ng		100
29) 2,4-Dichlorophenol	7.69	162	110402	45.35	ng		96
30) 1,2,4-Trichlorobenzene	7.76	180	118931	42.82	ng		94
31) Naphthalene	7.84	128	404038	41.94	ng		100
32) Benzoic acid	7.66	122	63805	34.27	ng		98
33) 4-Chloroaniline	7.90	127	109046	29.73	ng	#	91
34) Hexachlorobutadiene	7.95	225	62030	38.99	ng		99
35) Caprolactam	8.27	113	31733	43.19	ng		98
36) 4-Chloro-3-methylphenol	8.40	107	123569	42.71	ng		99
37) 2-Methylnaphthalene	8.52	142	253193	43.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	112621	40.64	ng		99
40) Hexachlorocyclopentadiene	8.68	237	18418	29.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	65648	49.83	ng		97
43) 2,4,5-Trichlorophenol	8.87	196	73342	43.95	ng		96
45) 1,1'-Biphenyl	8.99	154	319312	47.36	ng		97
46) 2-Chloronaphthalene	9.02	162	233608	46.13	ng		94
47) 2-Nitroaniline	9.12	65	74350	49.58	ng	#	80
48) Acenaphthylene	9.42	152	340625	42.71	ng		99
49) Dimethylphthalate	9.30	163	266279	44.18	ng		99
50) 2,6-Dinitrotoluene	9.37	165	52781	42.62	ng	#	78
51) Acenaphthene	9.59	154	189974	40.79	ng		99
52) 3-Nitroaniline	9.53	138	49708	38.04	ng	#	78
53) 2,4-Dinitrophenol	9.66	184	15041	37.84	ng		95
54) Dibenzofuran	9.77	168	291243	45.89	ng		94
55) 4-Nitrophenol	9.72	139	54412m	85.07	ng		
56) 2,4-Dinitrotoluene	9.77	165	72361	44.39	ng	#	74
57) Fluorene	10.10	166	220456	39.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	48258	43.31	ng		92
59) Diethylphthalate	10.00	149	280573	45.92	ng		98
60) 4-Chlorophenyl-phenylether	10.10	204	111073	43.71	ng	#	85
61) 4-Nitroaniline	10.15	138	46503	34.52	ng		90
62) Azobenzene	10.26	77	292282	46.45	ng		91
64) 4,6-Dinitro-2-methylphenol	10.18	198	15441	22.36	ng		92
65) n-Nitrosodiphenylamine	10.23	169	211489	52.48	ng		99
66) 4-Bromophenyl-phenylether	10.59	248	58884	47.76	ng	#	88
67) Hexachlorobenzene	10.65	284	59234	46.88	ng	#	81
68) Atrazine	10.75	200	57074	46.10	ng		94
69) Pentachlorophenol	10.84	266	52819	85.80	ng		99
70) Phenanthrene	11.05	178	289089	43.40	ng		99
71) Anthracene	11.11	178	332935	44.96	ng		99
72) Carbazole	11.27	167	279672	44.86	ng		98
73) Di-n-butylphthalate	11.61	149	392958	46.98	ng		99
74) Fluoranthene	12.23	202	277304	39.58	ng		95
76) Benzidine	12.37	184	150265	46.06	ng		96
77) Pyrene	12.46	202	290045	43.35	ng		99
79) Butylbenzylphthalate	13.09	149	138836	45.64	ng	#	81
80) Benzo(a)anthracene	13.65	228	237959	47.76	ng		99
81) 3,3'-Dichlorobenzidine	13.61	252	82579	46.06	ng	#	97
82) Chrysene	13.68	228	251625	47.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.66	149	203505	46.28	ng	#	98
84) Di-n-octyl phthalate	14.26	149	329688	48.05	ng		98
85) Indeno(1,2,3-cd)pyrene	16.18	276	184327	48.88	ng		100
87) Benzo(b)fluoranthene	14.64	252	241213m	47.93	ng		
88) Benzo(k)fluoranthene	14.66	252	196706m	42.51	ng		
89) Benzo(a)pyrene	14.94	252	201406	44.61	ng	#	95
90) Dibenzo(a,h)anthracene	16.18	278	158445	44.55	ng		98
91) Benzo(g,h,i)perylene	16.53	276	145897	41.73	ng		99

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

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