Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089368.D
Acq On : 28 Jul 2016 17:52
Operator : UM/SJ
Sample : PB92474BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92474BS

Quant Time: Jul 29 01:55:54 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	45067	20.00	ng		-0.02
21) Naphthalene-d8	7.82	136	186244	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	87003	20.00	ng		-0.02
63) Phenanthrene-d10	11.03	188	165488	20.00	ng		-0.02
75) Chrysene-d12	13.65	240	99478	20.00	ng		-0.02
86) Perylene-d12	14.98	264	82843	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	338657	119.99	ng		0.00
7) Phenol-d6	6.19	99	452389	121.28	ng		-0.01
23) Nitrobenzene-d5	7.11	82	288584	91.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.35	330	93780	130.15	ng		-0.01
44) 2-Fluorobiphenyl	8.89	172	522932	88.21	ng		-0.02
78) Terphenyl-d14	12.62	244	452887	106.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	44309	34.13	ng	#	90
3) Pyridine	2.62	79	98879	35.81	ng		99
4) n-Nitrosodimethylamine	2.59	42	47030	42.43	ng		99
6) Aniline	6.19	93	116332	28.88	ng	#	50
8) 2-Chlorophenol	6.31	128	136195	42.66	ng		88
9) Benzaldehyde	6.07	77	57081	31.34	ng		96
10) Phenol	6.20	94	180394	43.83	ng		92
11) bis(2-Chloroethyl)ether	6.27	93	148609	42.49	ng		94
12) 1,3-Dichlorobenzene	6.47	146	131944m	39.51	ng		
13) 1,4-Dichlorobenzene	6.55	146	145657	39.52	ng		95
14) 1,2-Dichlorobenzene	6.70	146	141703	41.04	ng		96
15) Benzyl Alcohol	6.68	79	107420	46.41	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.82	45	148901	39.03	ng		89
17) 2-Methylphenol	6.81	107	106524	43.17	ng		97
18) Hexachloroethane	7.03	117	55186	39.06	ng		95
19) n-Nitroso-di-n-propylamine	6.96	70	101898	45.30	ng	#	91
20) 3+4-Methylphenols	6.97	107	137359	43.35	ng		90
22) Acetophenone	6.95	105	179390	40.46	ng		96
24) Nitrobenzene	7.12	77	144952	40.36	ng		90
25) Isophorone	7.36	82	276054	43.43	ng		98
26) 2-Nitrophenol	7.44	139	70665	44.01	ng		94
27) 2,4-Dimethylphenol	7.50	122	118734	46.42	ng		98
28) bis(2-Chloroethoxy)methane	7.59	93	166434	47.30	ng		98
29) 2,4-Dichlorophenol	7.69	162	109705	47.07	ng		95
30) 1,2,4-Trichlorobenzene	7.76	180	119052	44.77	ng		96
31) Naphthalene	7.84	128	405098	43.92	ng		99
32) Benzoic acid	7.66	122	54035	30.32	ng		96
33) 4-Chloroaniline	7.91	127	43367	12.35	ng		96
34) Hexachlorobutadiene	7.95	225	61660	40.49	ng		99
35) Caprolactam	8.27	113	33109m	47.07	ng		
36) 4-Chloro-3-methylphenol	8.40	107	128305	46.32	ng		96
37) 2-Methylnaphthalene	8.52	142	260971	46.96	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	105257	34.57	ng		99
40) Hexachlorocyclopentadiene	8.68	237	76790	87.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	69101	47.74	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	86880	47.38	ng	#	89
45) 1,1'-Biphenyl	8.99	154	295666	39.91	ng		96
46) 2-Chloronaphthalene	9.02	162	243542	43.78	ng		94
47) 2-Nitroaniline	9.12	65	80725	49.00	ng	#	78
48) Acenaphthylene	9.42	152	378804	43.23	ng		100
49) Dimethylphthalate	9.30	163	281324	42.49	ng		99
50) 2,6-Dinitrotoluene	9.37	165	61217	45.00	ng	#	84
51) Acenaphthene	9.59	154	216528	42.31	ng		99
52) 3-Nitroaniline	9.53	138	33869	23.59	ng	#	68
53) 2,4-Dinitrophenol	9.66	184	39544	68.24	ng		86
54) Dibenzofuran	9.77	168	337471	48.40	ng		97
55) 4-Nitrophenol	9.72	139	66779m	94.30	ng		
56) 2,4-Dinitrotoluene	9.77	165	87267	48.72	ng		87
57) Fluorene	10.10	166	267578	43.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	61916	50.58	ng	#	96
59) Diethylphthalate	10.00	149	300272	44.73	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	126311	45.24	ng	#	85
61) 4-Nitroaniline	10.15	138	61908	41.83	ng		98
62) Azobenzene	10.26	77	341808	49.44	ng		93
64) 4,6-Dinitro-2-methylphenol	10.18	198	35796	36.94	ng		94
65) n-Nitrosodiphenylamine	10.23	169	246845	47.80	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	71078	44.99	ng	#	68
67) Hexachlorobenzene	10.65	284	73742	45.54	ng	#	76
68) Atrazine	10.77	200	75201	47.41	ng		98
69) Pentachlorophenol	10.85	266	62727	79.96	ng		99
70) Phenanthrene	11.05	178	371958	43.58	ng		100
71) Anthracene	11.11	178	426623	44.96	ng		100
72) Carbazole	11.27	167	369162	46.21	ng		98
73) Di-n-butylphthalate	11.61	149	484548	45.21	ng		99
74) Fluoranthene	12.23	202	377655	42.06	ng		96
76) Benzidine	12.37	184	138073	37.56	ng		97
77) Pyrene	12.46	202	385895	51.18	ng		99
79) Butylbenzylphthalate	13.09	149	176217	51.41	ng	#	80
80) Benzo(a)anthracene	13.63	228	263080	46.86	ng		100
81) 3,3'-Dichlorobenzidine	13.61	252	59557	29.48	ng	#	98
82) Chrysene	13.68	228	270095	45.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	257621	51.99	ng	#	97
84) Di-n-octyl phthalate	14.26	149	374094	48.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.17	276	227084	53.45	ng		99
87) Benzo(b)fluoranthene	14.64	252	265666m	51.64	ng		
88) Benzo(k)fluoranthene	14.66	252	162301m	34.31	ng		
89) Benzo(a)pyrene	14.94	252	206646	44.78	ng	#	94
90) Dibenzo(a,h)anthracene	16.18	278	192267	52.88	ng		95
91) Benzo(g,h,i)perylene	16.53	276	192639	53.90	ng		96

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

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