Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
Data File : BF089544.D
Acq On : 2 Aug 2016 13:44
Operator : UM/SJ
Sample : PB92601BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92601BS

Quant Time: Aug 03 11:26:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 01:32:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	42986	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	179487	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	86209	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	172163	20.00	ng		0.00
75) Chrysene-d12	13.60	240	126212	20.00	ng		0.00
86) Perylene-d12	14.91	264	103431	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	335827	124.74	ng		0.02
7) Phenol-d6	6.15	99	448920	126.18	ng		0.01
23) Nitrobenzene-d5	7.05	82	287769	94.64	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	101606	142.31	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	543852	92.58	ng		0.00
78) Terphenyl-d14	12.56	244	511449	94.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	45469	37.01	ng	#	92
3) Pyridine	2.52	79	115707	43.93	ng		97
4) n-Nitrosodimethylamine	2.49	42	45940	43.27	ng		99
6) Aniline	6.14	93	158568m	41.28	ng		
8) 2-Chlorophenol	6.26	128	137259	45.07	ng		98
9) Benzaldehyde	6.01	77	53519	30.81	ng		94
10) Phenol	6.16	94	182101	46.38	ng		80
11) bis(2-Chloroethyl)ether	6.23	93	141355	42.38	ng		99
12) 1,3-Dichlorobenzene	6.41	146	127025m	39.88	ng		
13) 1,4-Dichlorobenzene	6.49	146	142954	40.67	ng		95
14) 1,2-Dichlorobenzene	6.64	146	136467m	41.44	ng		
15) Benzyl Alcohol	6.64	79	114002	51.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.78	45	149849	41.19	ng		89
17) 2-Methylphenol	6.76	107	107518	45.68	ng		97
18) Hexachloroethane	6.98	117	55388	41.10	ng	#	86
19) n-Nitroso-di-n-propylamine	6.91	70	106116	49.46	ng		97
20) 3+4-Methylphenols	6.92	107	136268	45.08	ng	#	84
22) Acetophenone	6.90	105	177715	41.59	ng		99
24) Nitrobenzene	7.07	77	135208	39.07	ng		97
25) Isophorone	7.31	82	265692	43.38	ng		99
26) 2-Nitrophenol	7.38	139	67192	43.42	ng	#	72
27) 2,4-Dimethylphenol	7.45	122	114249	46.35	ng		95
28) bis(2-Chloroethoxy)methane	7.53	93	162499	47.92	ng		100
29) 2,4-Dichlorophenol	7.63	162	109389	48.70	ng		94
30) 1,2,4-Trichlorobenzene	7.71	180	112292	43.82	ng		98
31) Naphthalene	7.78	128	397120	44.68	ng		100
32) Benzoic acid	7.61	122	65745	38.28	ng		96
33) 4-Chloroaniline	7.85	127	128593	38.00	ng		99
34) Hexachlorobutadiene	7.91	225	61627	41.99	ng		97
35) Caprolactam	8.23	113	33050m	48.75	ng		
36) 4-Chloro-3-methylphenol	8.35	107	131518	49.27	ng		95
37) 2-Methylnaphthalene	8.47	142	242386	45.26	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	96579	32.01	ng		98
40) Hexachlorocyclopentadiene	8.63	237	76804	88.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	70113	48.88	ng		100
43) 2,4,5-Trichlorophenol	8.81	196	81979	45.12	ng		97
45) 1,1'-Biphenyl	8.94	154	281854	38.40	ng		98
46) 2-Chloronaphthalene	8.96	162	252891	45.88	ng		96
47) 2-Nitroaniline	9.07	65	79692	48.82	ng		95
48) Acenaphthylene	9.37	152	381208	43.90	ng		100
49) Dimethylphthalate	9.26	163	298151	45.44	ng		100
50) 2,6-Dinitrotoluene	9.31	165	64454	47.81	ng	#	83
51) Acenaphthene	9.54	154	229055	45.17	ng		98
52) 3-Nitroaniline	9.48	138	54729	38.47	ng		95
53) 2,4-Dinitrophenol	9.60	184	58055	88.10	ng		93
54) Dibenzofuran	9.71	168	350711	50.76	ng		97
55) 4-Nitrophenol	9.68	139	56293m	81.15	ng		
56) 2,4-Dinitrotoluene	9.72	165	84701	47.73	ng	#	58
57) Fluorene	10.04	166	263469	43.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	66298	54.65	ng		99
59) Diethylphthalate	9.94	149	290515	43.68	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	114795	41.49	ng	#	78
61) 4-Nitroaniline	10.10	138	68552	46.75	ng		87
62) Azobenzene	10.20	77	331783	48.43	ng		96
64) 4,6-Dinitro-2-methylphenol	10.14	198	42445	41.49	ng		87
65) n-Nitrosodiphenylamine	10.17	169	236454	44.02	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	67525	41.08	ng	#	90
67) Hexachlorobenzene	10.59	284	71729	42.58	ng	#	88
68) Atrazine	10.71	200	69613	42.18	ng		98
69) Pentachlorophenol	10.80	266	69453	84.72	ng		98
70) Phenanthrene	11.00	178	389277	43.84	ng		99
71) Anthracene	11.05	178	432042	43.76	ng		100
72) Carbazole	11.21	167	372352	44.81	ng		98
73) Di-n-butylphthalate	11.55	149	448823	40.25	ng		100
74) Fluoranthene	12.17	202	403762	43.23	ng		94
76) Benzidine	12.31	184	177379	38.04	ng		96
77) Pyrene	12.40	202	430191	44.97	ng		100
79) Butylbenzylphthalate	13.04	149	218466	50.24	ng		92
80) Benzo(a)anthracene	13.59	228	341022	47.88	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	97081	37.88	ng	#	94
82) Chrysene	13.62	228	351926	46.42	ng		100
83) Bis(2-ethylhexyl)phthalate	13.60	149	274283	43.63	ng	#	99
84) Di-n-octyl phthalate	14.21	149	446816	45.55	ng		99
85) Indeno(1,2,3-cd)pyrene	16.08	276	244036	45.27	ng		99
87) Benzo(b)fluoranthene	14.58	252	316054m	49.20	ng		
88) Benzo(k)fluoranthene	14.61	252	259464m	43.94	ng		
89) Benzo(a)pyrene	14.87	252	251586	43.66	ng		100
90) Dibenzo(a,h)anthracene	16.09	278	203409	44.81	ng		96
91) Benzo(g,h,i)perylene	16.42	276	203841	45.69	ng		97

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

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