Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088185.D
Acq On : 20 Jun 2016 21:51
Operator : UM/SJ
Sample : PB91264BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91264BS

Quant Time: Jun 21 01:36:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	88340	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	349802	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	167687	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	303675	20.00	ng		0.00
75) Chrysene-d12	13.81	240	222635	20.00	ng		0.00
86) Perylene-d12	15.18	264	182834	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	576528	111.57	ng		0.01
7) Phenol-d6	6.33	99	712122	113.71	ng		0.00
23) Nitrobenzene-d5	7.24	82	478864	79.94	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	166337	93.94	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	915954	85.86	ng		-0.01
78) Terphenyl-d14	12.77	244	831551	84.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	78012	31.07	ng	#	36
3) Pyridine	2.88	79	193886	32.70	ng		92
4) n-Nitrosodimethylamine	2.83	42	93985	37.43	ng		79
6) Aniline	6.33	93	163748	18.37	ng	#	43
8) 2-Chlorophenol	6.46	128	258578	42.28	ng		93
10) Phenol	6.34	94	320230	49.79	ng		90
11) bis(2-Chloroethyl)ether	6.41	93	220861	40.22	ng		91
12) 1,3-Dichlorobenzene	6.60	146	262308	39.97	ng		98
13) 1,4-Dichlorobenzene	6.68	146	275465	41.67	ng		98
14) 1,2-Dichlorobenzene	6.83	146	232744m	38.71	ng		
15) Benzyl Alcohol	6.82	79	166030	33.89	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257196	34.67	ng		74
17) 2-Methylphenol	6.95	107	202203	40.77	ng		97
18) Hexachloroethane	7.18	117	96269	41.04	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	162537	40.57	ng	#	86
20) 3+4-Methylphenols	7.11	107	264578	45.72	ng	#	75
22) Acetophenone	7.08	105	320757	41.03	ng	#	98
24) Nitrobenzene	7.26	77	233785	40.29	ng		90
25) Isophorone	7.50	82	447241	40.31	ng		99
26) 2-Nitrophenol	7.58	139	139182	44.78	ng	#	85
27) 2,4-Dimethylphenol	7.63	122	226780	39.63	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	282017	40.98	ng	#	96
29) 2,4-Dichlorophenol	7.83	162	216020	45.21	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	209401	40.25	ng		98
31) Naphthalene	7.98	128	723586	41.80	ng		99
32) Benzoic acid	7.77	122	79603	25.26	ng		96
33) 4-Chloroaniline	8.03	127	105909	13.70	ng		96
34) Hexachlorobutadiene	8.09	225	108296	39.47	ng		98
35) Caprolactam	8.41	113	67185m	42.45	ng		
36) 4-Chloro-3-methylphenol	8.54	107	223771	43.79	ng		99
37) 2-Methylnaphthalene	8.66	142	470057	41.20	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	193757	44.09	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	119350	44.12	ng		99
42) 2,4,6-Trichlorophenol	8.96	196	125767	37.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	138945	39.83	ng	#	95
45) 1,1'-Biphenyl	9.13	154	565950	44.96	ng		98
46) 2-Chloronaphthalene	9.15	162	450382	41.51	ng		98
47) 2-Nitroaniline	9.26	65	120613	37.68	ng		92
48) Acenaphthylene	9.56	152	654655	37.93	ng		100
49) Dimethylphthalate	9.44	163	512116	42.16	ng		100
50) 2,6-Dinitrotoluene	9.51	165	124229	44.66	ng	#	82
51) Acenaphthene	9.74	154	407165	37.81	ng		100
52) 3-Nitroaniline	9.67	138	66526	20.72	ng		97
53) 2,4-Dinitrophenol	9.78	184	67775	49.72	ng		96
54) Dibenzofuran	9.91	168	552164	37.24	ng	#	89
55) 4-Nitrophenol	9.86	139	130060	52.20	ng	#	73
56) 2,4-Dinitrotoluene	9.91	165	147673	41.31	ng	#	63
57) Fluorene	10.25	166	475659	47.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	109108	39.80	ng	#	56
59) Diethylphthalate	10.14	149	532201	43.28	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	189348	38.40	ng		89
61) 4-Nitroaniline	10.28	138	124549	40.91	ng		100
62) Azobenzene	10.40	77	488298	40.16	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	63180	33.99	ng	#	62
65) n-Nitrosodiphenylamine	10.36	169	412527	40.94	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	135230	41.51	ng	#	91
67) Hexachlorobenzene	10.80	284	141146	41.70	ng	#	73
68) Atrazine	10.90	200	133945	43.90	ng		97
69) Pentachlorophenol	10.99	266	89694	50.27	ng		97
70) Phenanthrene	11.21	178	695247	43.63	ng		98
71) Anthracene	11.26	178	695060	43.24	ng		99
72) Carbazole	11.42	167	647944	43.08	ng		100
73) Di-n-butylphthalate	11.75	149	786718	41.32	ng		100
74) Fluoranthene	12.39	202	728915	43.34	ng		98
76) Benzidine	12.51	184	239492	38.85	ng		98
77) Pyrene	12.62	202	743697	45.02	ng		99
79) Butylbenzylphthalate	13.23	149	338158	46.30	ng	#	85
80) Benzo(a)anthracene	13.79	228	509931	40.19	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	111067	32.55	ng	#	95
82) Chrysene	13.84	228	579291	48.53	ng		97
83) Bis(2-ethylhexyl)phthalate	13.79	149	406737	45.74	ng		99
84) Di-n-octyl phthalate	14.40	149	778425	53.88	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	453229	40.87	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	464356m	36.44	ng		
88) Benzo(k)fluoranthene	14.83	252	489198m	50.89	ng		
89) Benzo(a)pyrene	15.13	252	459523	44.57	ng	#	93
90) Dibenzo(a,h)anthracene	16.47	278	382313	39.92	ng		96
91) Benzo(g,h,i)perylene	16.85	276	409281	41.55	ng		98

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

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