Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091223.D
Acq On : 17 Nov 2016 20:15
Operator : UM/SJ
Sample : H5628-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-COMPMS

Quant Time: Nov 18 10:39:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	206059	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	808898	20.00	ng		-0.05
38) Acenaphthene-d10	9.66	164	488834	20.00	ng		-0.03
63) Phenanthrene-d10	11.14	188	739097	20.00	ng		-0.03
75) Chrysene-d12	13.78	240	528665	20.00	ng		-0.03
86) Perylene-d12	15.14	264	393494	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1569734	125.81	ng		-0.01
7) Phenol-d6	6.28	99	1807793	106.75	ng		-0.03
23) Nitrobenzene-d5	7.20	82	1196994	80.72	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	616353	139.47	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2370298	83.48	ng		-0.05
78) Terphenyl-d14	12.73	244	2085646	98.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	205172	28.75	ng		93
3) Pyridine	2.93	79	376155m	22.53	ng		
4) n-Nitrosodimethylamine	2.82	42	227429	34.44	ng		95
6) Aniline	6.29	93	227587	11.39	ng	#	1
8) 2-Chlorophenol	6.41	128	626764	42.11	ng		96
9) Benzaldehyde	6.19	77	32659	3.47	ng		93
10) Phenol	6.29	94	544989	29.08	ng	#	75
11) bis(2-Chloroethyl)ether	6.37	93	672953	42.61	ng		85
12) 1,3-Dichlorobenzene	6.56	146	633319	42.07	ng		97
13) 1,4-Dichlorobenzene	6.64	146	679877	42.10	ng		97
14) 1,2-Dichlorobenzene	6.78	146	572251	38.61	ng		99
15) Benzyl Alcohol	6.78	79	522654	43.75	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	754084	33.34	ng	#	52
17) 2-Methylphenol	6.91	107	487810	41.40	ng	#	90
18) Hexachloroethane	7.13	117	222784	35.64	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	442055	37.67	ng	#	93
20) 3+4-Methylphenols	7.07	107	587487	41.53	ng		93
22) Acetophenone	7.04	105	836913	44.94	ng	#	95
24) Nitrobenzene	7.21	77	618777	37.78	ng		99
25) Isophorone	7.46	82	1212753	42.44	ng		97
26) 2-Nitrophenol	7.53	139	310931	44.86	ng	#	79
27) 2,4-Dimethylphenol	7.58	122	534654	46.65	ng		98
28) bis(2-Chloroethoxy)methane	7.68	93	773480	49.55	ng		99
29) 2,4-Dichlorophenol	7.78	162	488380	48.82	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	540541	48.06	ng		97
31) Naphthalene	7.93	128	1789518	46.26	ng		99
32) Benzoic acid	7.76	122	289204	34.00	ng		90
33) 4-Chloroaniline	8.00	127	130000	8.08	ng		96
34) Hexachlorobutadiene	8.05	225	306723	50.53	ng		99
35) Caprolactam	8.38	113	119540m	38.04	ng		
36) 4-Chloro-3-methylphenol	8.50	107	547685	45.23	ng		94
37) 2-Methylnaphthalene	8.62	142	1171610	47.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	572199	45.91	ng		98
40) Hexachlorocyclopentadiene	8.77	237	415911	85.52	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	349047	43.38	ng		96
43) 2,4,5-Trichlorophenol	8.97	196	413764	48.98	ng		97
45) 1,1'-Biphenyl	9.09	154	1478434	41.42	ng		97
46) 2-Chloronaphthalene	9.12	162	1165245	43.00	ng		96
47) 2-Nitroaniline	9.22	65	320692	31.89	ng		96
48) Acenaphthylene	9.53	152	1724451	40.83	ng		100
49) Dimethylphthalate	9.40	163	1362238	42.50	ng		100
50) 2,6-Dinitrotoluene	9.47	165	338495	49.28	ng	#	56
51) Acenaphthene	9.70	154	1177883	44.42	ng		99
52) 3-Nitroaniline	9.63	138	137215	16.84	ng		94
53) 2,4-Dinitrophenol	9.76	184	266389	71.88	ng		88
54) Dibenzofuran	9.87	168	1619578	45.38	ng		98
55) 4-Nitrophenol	9.82	139	279144	53.50	ng	#	86
56) 2,4-Dinitrotoluene	9.87	165	370387	42.38	ng	#	70
57) Fluorene	10.21	166	1289856	44.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	330413	49.93	ng		94
59) Diethylphthalate	10.10	149	1433514	43.62	ng		97
60) 4-Chlorophenyl-phenylether	10.20	204	586978	44.21	ng	#	79
61) 4-Nitroaniline	10.26	138	319121	38.72	ng		96
62) Azobenzene	10.36	77	1543507	39.90	ng		87
64) 4,6-Dinitro-2-methylphenol	10.28	198	190977	42.20	ng	#	34
65) n-Nitrosodiphenylamine	10.33	169	1141460	48.59	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	394352	51.30	ng	#	84
67) Hexachlorobenzene	10.76	284	468659	55.27	ng	#	85
68) Atrazine	10.86	200	322813	47.63	ng		96
69) Pentachlorophenol	10.97	266	377088	100.41	ng		98
70) Phenanthrene	11.17	178	1940884	49.40	ng		99
71) Anthracene	11.22	178	1628305	38.98	ng		99
72) Carbazole	11.38	167	1437848	38.20	ng		99
73) Di-n-butylphthalate	11.72	149	2036949	43.03	ng		99
74) Fluoranthene	12.35	202	1656353	40.65	ng		94
76) Benzidine	12.49	184	92349	7.82	ng		97
77) Pyrene	12.58	202	1781036	51.44	ng		100
79) Butylbenzylphthalate	13.21	149	841962	50.84	ng	#	85
80) Benzo(a)anthracene	13.77	228	1353168	45.08	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	297327	28.19	ng	#	98
82) Chrysene	13.80	228	1306962	44.16	ng		98
83) Bis(2-ethylhexyl)phthalate	13.77	149	1036491	46.25	ng	#	98
84) Di-n-octyl phthalate	14.39	149	1828009	49.61	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.42	276	1098314	44.72	ng		97
87) Benzo(b)fluoranthene	14.77	252	1229687m	46.08	ng		
88) Benzo(k)fluoranthene	14.80	252	1043299m	44.56	ng		
89) Benzo(a)pyrene	15.09	252	1085887	46.74	ng		99
90) Dibenzo(a,h)anthracene	16.42	278	941940	46.90	ng		99
91) Benzo(g,h,i)perylene	16.79	276	852502	46.93	ng		98

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

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