Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093861.D
Acq On : 23 Mar 2017 4:57
Operator : SJ/MA
Sample : I2337-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q14-BASEMS

Quant Time: Mar 23 07:04:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	199915	20.00	ng		0.00
21) Naphthalene-d8	7.49	136	806203	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	361382	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	609765	20.00	ng		0.00
75) Chrysene-d12	14.72	240	436902	20.00	ng		0.00
86) Perylene-d12	16.35	264	326525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.52	112	1347886	113.88	ng		0.02
7) Phenol-d6	5.57	99	1747390	119.34	ng		0.00
23) Nitrobenzene-d5	6.64	82	1093716	77.42	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	345588	121.02	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	1907875	80.52	ng		0.00
78) Terphenyl-d14	13.44	244	1452353	74.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	191363	33.65	ng		99
3) Pyridine	2.89	79	499105	32.20	ng		98
4) n-Nitrosodimethylamine	2.85	42	253806	39.80	ng		95
6) Aniline	5.61	93	537651	26.40	ng		96
8) 2-Chlorophenol	5.75	128	533803	41.03	ng		100
9) Benzaldehyde	5.48	77	183225	18.53	ng		99
10) Phenol	5.59	94	718837	43.14	ng		93
11) bis(2-Chloroethyl)ether	5.69	93	514018	39.47	ng		98
12) 1,3-Dichlorobenzene	5.92	146	575666	39.45	ng		99
13) 1,4-Dichlorobenzene	6.00	146	580444	39.27	ng		95
14) 1,2-Dichlorobenzene	6.19	146	543761	39.95	ng		96
15) Benzyl Alcohol	6.15	79	463732	43.27	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.32	45	772457	38.50	ng		98
17) 2-Methylphenol	6.28	107	450924	40.47	ng		97
18) Hexachloroethane	6.58	117	206121	39.68	ng	#	84
19) n-Nitroso-di-n-propylamine	6.47	70	379813	40.36	ng		98
20) 3+4-Methylphenols	6.46	107	529524	39.24	ng		95
22) Acetophenone	6.46	105	719760	40.06	ng	#	97
24) Nitrobenzene	6.66	77	556909	39.97	ng		97
25) Isophorone	6.95	82	1021772	41.16	ng		97
26) 2-Nitrophenol	7.03	139	289078	43.51	ng		97
27) 2,4-Dimethylphenol	7.09	122	442034	38.61	ng		98
28) bis(2-Chloroethoxy)methane	7.21	93	667808	40.80	ng		99
29) 2,4-Dichlorophenol	7.32	162	460278	43.00	ng		98
30) 1,2,4-Trichlorobenzene	7.43	180	456922	41.44	ng		99
31) Naphthalene	7.52	128	1528382	39.43	ng		100
33) 4-Chloroaniline	7.57	127	321522	20.46	ng		95
34) Hexachlorobutadiene	7.67	225	228070	40.34	ng		96
35) Caprolactam	8.02	113	106696m	31.26	ng		
36) 4-Chloro-3-methylphenol	8.18	107	474097	42.39	ng		90
37) 2-Methylnaphthalene	8.36	142	1062137	41.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	380331	38.47	ng		99
40) Hexachlorocyclopentadiene	8.56	237	354823	76.70	ng		98
42) 2,4,6-Trichlorophenol	8.70	196	298696	42.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.75	196	297926	39.37	ng		95
45) 1,1'-Biphenyl	8.94	154	1166291	40.01	ng		98
46) 2-Chloronaphthalene	8.96	162	923372	40.47	ng		95
47) 2-Nitroaniline	9.07	65	278125	41.09	ng		90
48) Acenaphthylene	9.46	152	1473119	38.85	ng		99
49) Dimethylphthalate	9.33	163	1182865	46.05	ng		98
50) 2,6-Dinitrotoluene	9.39	165	241940	41.09	ng	#	88
51) Acenaphthene	9.68	154	868114	39.23	ng		99
52) 3-Nitroaniline	9.58	138	204455	29.57	ng		91
53) 2,4-Dinitrophenol	9.71	184	50060	19.62	ng	#	71
54) Dibenzofuran	9.89	168	1271102	42.20	ng		99
55) 4-Nitrophenol	9.80	139	410390	75.78	ng	#	74
56) 2,4-Dinitrotoluene	9.88	165	306385	41.42	ng	#	83
57) Fluorene	10.31	166	921536	36.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	218559	42.09	ng		99
59) Diethylphthalate	10.19	149	1049557	41.34	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	403465	37.91	ng		90
61) 4-Nitroaniline	10.34	138	259482	39.10	ng		95
62) Azobenzene	10.52	77	1036658	43.16	ng		96
64) 4,6-Dinitro-2-methylphenol	10.38	198	110894	29.70	ng	#	70
65) n-Nitrosodiphenylamine	10.47	169	872211	41.36	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	248025	41.36	ng		96
67) Hexachlorobenzene	10.99	284	251861	41.49	ng	#	89
68) Atrazine	11.13	200	261037	41.33	ng		97
69) Pentachlorophenol	11.23	266	255582	67.64	ng		98
70) Phenanthrene	11.49	178	1396502	41.17	ng		99
71) Anthracene	11.56	178	1390744	39.82	ng		99
72) Carbazole	11.75	167	1297149	36.22	ng		99
73) Di-n-butylphthalate	12.20	149	1598137	42.91	ng		99
74) Fluoranthene	12.96	202	1417094	40.80	ng		99
76) Benzidine	13.12	184	429842	24.86	ng		95
77) Pyrene	13.23	202	1425734	44.97	ng		99
79) Butylbenzylphthalate	14.04	149	656915	48.62	ng	#	83
80) Benzo(a)anthracene	14.70	228	1051845	41.29	ng		99
81) 3,3'-Dichlorobenzidine	14.67	252	239041	26.25	ng	#	95
82) Chrysene	14.75	228	933922	39.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.76	149	918460	49.83	ng		99
84) Di-n-octyl phthalate	15.52	149	1443072	46.87	ng		98
85) Indeno(1,2,3-cd)pyrene	17.74	276	809996	39.56	ng		99
87) Benzo(b)fluoranthene	15.93	252	854728	42.70	ng		98
88) Benzo(k)fluoranthene	15.97	252	766545m	39.14	ng		
89) Benzo(a)pyrene	16.29	252	770672	41.81	ng		99
90) Dibenzo(a,h)anthracene	17.77	278	663413	42.50	ng		97
91) Benzo(g,h,i)perylene	18.16	276	676859	43.03	ng		98

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

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