Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094809.D
Acq On : 2 May 2017 23:36
Operator : SJ/MA
Sample : I2928-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-COMPMSD

Manual Integrations APPROVED
mohammad
5/4/2017 1:44:27 PM

Quant Time: May 03 17:40:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	83356	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	372819	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	168525	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	289371	20.00	ng		0.00
75) Chrysene-d12	18.65	240	200391	20.00	ng		0.00
86) Perylene-d12	20.31	264	182935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	612658	122.54	ng		0.01
7) Phenol-d6	7.28	99	759116	126.54	ng		0.00
23) Nitrobenzene-d5	8.63	82	417402	70.60	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	162243	117.55	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	874201	74.66	ng		0.00
78) Terphenyl-d14	17.31	244	723220	79.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	79769	32.532	ng		99
3) Pyridine	2.81	79	202469	35.627	ng		97
4) n-Nitrosodimethylamine	2.74	42	93702	39.557	ng		82
6) Aniline	7.23	93	224673	29.667	ng		95
8) 2-Chlorophenol	7.42	128	236846	41.620	ng		97
9) Benzaldehyde	7.04	77	43022	11.745	ng		96
10) Phenol	7.30	94	276689	43.770	ng		89
11) bis(2-Chloroethyl)ether	7.37	93	201563	38.623	ng		95
12) 1,3-Dichlorobenzene	7.64	146	226648	35.110	ng		98
13) 1,4-Dichlorobenzene	7.76	146	229428	35.046	ng		97
14) 1,2-Dichlorobenzene	7.99	146	217492	35.593	ng		97
15) Benzyl Alcohol	8.01	79	166955	43.270	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	247946	33.568	ng	#	48
17) 2-Methylphenol	8.22	107	172838	37.113	ng	#	87
18) Hexachloroethane	8.51	117	75586	34.084	ng	#	84
19) n-Nitroso-di-n-propylamine	8.44	70	146696	36.157	ng		94
20) 3+4-Methylphenols	8.48	107	233341	36.873	ng	#	58
22) Acetophenone	8.40	105	297247	33.231	ng	#	83
24) Nitrobenzene	8.65	77	210515	33.970	ng		95
25) Isophorone	9.05	82	376012	35.617	ng		96
26) 2-Nitrophenol	9.17	139	119088	35.613	ng		98
27) 2,4-Dimethylphenol	9.30	122	187206	34.627	ng		97
28) bis(2-Chloroethoxy)methane	9.42	93	244407	33.466	ng		99
29) 2,4-Dichlorophenol	9.58	162	194397	38.081	ng		99
30) 1,2,4-Trichlorobenzene	9.68	180	190520	34.836	ng		96
31) Naphthalene	9.78	128	661334	35.294	ng		99
32) Benzoic acid	9.54	122	42272	15.730	ng		93
33) 4-Chloroaniline	9.92	127	58268	8.344	ng	#	91
34) Hexachlorobutadiene	10.01	225	96073	33.292	ng		99
35) Caprolactam	10.52	113	58541m	38.190	ng		
36) 4-Chloro-3-methylphenol	10.77	107	195671	35.851	ng		87
37) 2-Methylnaphthalene	10.91	142	465179	37.827	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	174656	33.701	ng		99
40) Hexachlorocyclopentadiene	11.17	237	119892	56.919	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	128624	37.172	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	136139	36.606	ng		92
45) 1,1'-Biphenyl	11.68	154	483787	34.096	ng		98
46) 2-Chloronaphthalene	11.69	162	378521	33.039	ng		94
47) 2-Nitroaniline	11.89	65	110386	35.202	ng	#	79
48) Acenaphthylene	12.35	152	669618	37.315	ng		99
49) Dimethylphthalate	12.22	163	815468	58.942	ng		99
50) 2,6-Dinitrotoluene	12.31	165	110064	38.995	ng		93
51) Acenaphthene	12.64	154	389566	36.346	ng		99
52) 3-Nitroaniline	12.57	138	70856	23.389	ng	#	87
53) 2,4-Dinitrophenol	12.77	184	75933	51.277	ng	#	71
54) Dibenzofuran	12.92	168	598930	40.380	ng		99
55) 4-Nitrophenol	12.95	139	139275	76.545	ng	#	81
56) 2,4-Dinitrotoluene	12.97	165	144404	39.815	ng	#	89
57) Fluorene	13.48	166	449109	34.822	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	98381	42.032	ng		94
59) Diethylphthalate	13.37	149	458606	34.584	ng		99
60) 4-Chlorophenyl-phenylether	13.50	204	193430	34.125	ng		92
61) 4-Nitroaniline	13.57	138	99891	35.918	ng		97
62) Azobenzene	13.76	77	414375	38.888	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	60356	31.114	ng	#	65
65) n-Nitrosodiphenylamine	13.71	169	385755	36.730	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	115751	37.862	ng		97
67) Hexachlorobenzene	14.37	284	116700	37.247	ng	#	84
68) Atrazine	14.62	200	108030	36.431	ng		96
69) Pentachlorophenol	14.72	266	86185	62.243	ng		99
70) Phenanthrene	15.02	178	591700	35.588	ng		98
71) Anthracene	15.10	178	621370	36.587	ng		97
72) Carbazole	15.38	167	561157	36.315	ng		98
73) Di-n-butylphthalate	15.95	149	736312	38.209	ng		98
74) Fluoranthene	16.76	202	635543	37.264	ng		98
76) Benzidine	16.98	184	126213	26.680	ng	#	93
77) Pyrene	17.06	202	592169	39.512	ng		99
79) Butylbenzylphthalate	17.97	149	278934	40.014	ng		87
80) Benzo(a)anthracene	18.64	228	421825	36.169	ng		97
81) 3,3'-Dichlorobenzidine	18.62	252	87904	21.823	ng	#	94
82) Chrysene	18.68	228	395654	35.085	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	373463	37.601	ng		99
84) Di-n-octyl phthalate	19.48	149	585815	35.975	ng		95
85) Indeno(1,2,3-cd)pyrene	21.59	276	419845	45.845	ng		98
87) Benzo(b)fluoranthene	19.90	252	401873	35.552	ng		98
88) Benzo(k)fluoranthene	19.93	252	364545	33.433	ng		96
89) Benzo(a)pyrene	20.25	252	355952	34.126	ng		100
90) Dibenzo(a,h)anthracene	21.61	278	357790	41.534	ng		98
91) Benzo(g,h,i)perylene	21.97	276	366773	43.387	ng		97

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

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