Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094397.D
Acq On : 13 Apr 2017 18:23
Operator : SJ/MA
Sample : I2670-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-R4MS

Manual Integrations APPROVED
mohammad
4/14/2017 1:37:07 PM

Quant Time: Apr 14 02:06:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	150641	20.00	ng		-0.04
21) Naphthalene-d8	7.29	136	614048	20.00	ng		-0.04
38) Acenaphthene-d10	9.43	164	289003	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	492863	20.00	ng		-0.04
75) Chrysene-d12	14.50	240	388751	20.00	ng		-0.05
86) Perylene-d12	16.12	264	308004	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.36	112	1075651	120.60	ng		-0.02
7) Phenol-d6	5.43	99	1274158	115.48	ng		-0.04
23) Nitrobenzene-d5	6.45	82	980750	91.15	ng		-0.04
41) 2,4,6-Tribromophenol	10.41	330	337280	147.69	ng		-0.04
44) 2-Fluorobiphenyl	8.62	172	1795618	94.77	ng		-0.04
78) Terphenyl-d14	13.23	244	1511190	87.13	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	143879	33.58	ng	#	82
3) Pyridine	2.72	79	374602	32.08	ng		98
4) n-Nitrosodimethylamine	2.66	42	186765	38.87	ng		88
6) Aniline	5.42	93	216406	14.10	ng	#	76
8) 2-Chlorophenol	5.56	128	444512	45.34	ng		98
9) Benzaldehyde	5.28	77	96111	12.90	ng		97
10) Phenol	5.44	94	447632	35.65	ng		95
11) bis(2-Chloroethyl)ether	5.50	93	457906	46.67	ng		97
12) 1,3-Dichlorobenzene	5.72	146	482263	43.86	ng		99
13) 1,4-Dichlorobenzene	5.81	146	484309	43.48	ng		97
14) 1,2-Dichlorobenzene	5.99	146	443270	43.22	ng		96
15) Benzyl Alcohol	5.97	79	355378	44.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.12	45	569616	37.67	ng	#	27
17) 2-Methylphenol	6.12	107	356037	42.41	ng	#	87
18) Hexachloroethane	6.37	117	173572	44.34	ng	#	87
19) n-Nitroso-di-n-propylamine	6.28	70	335921	47.37	ng		96
20) 3+4-Methylphenols	6.30	107	501134	49.28	ng	#	63
22) Acetophenone	6.27	105	670330	48.98	ng	#	85
24) Nitrobenzene	6.46	77	471406	44.42	ng		95
25) Isophorone	6.75	82	865418	45.77	ng		97
26) 2-Nitrophenol	6.84	139	263837	52.13	ng		97
27) 2,4-Dimethylphenol	6.92	122	410968	47.13	ng		98
28) bis(2-Chloroethoxy)methane	7.02	93	563525	45.20	ng		99
29) 2,4-Dichlorophenol	7.15	162	399267	48.97	ng		98
30) 1,2,4-Trichlorobenzene	7.23	180	395569	47.11	ng		99
31) Naphthalene	7.32	128	1377227	46.65	ng		100
32) Benzoic acid	7.11	122	218747	37.68	ng		96
33) 4-Chloroaniline	7.39	127	174740	14.60	ng	#	93
34) Hexachlorobutadiene	7.47	225	200630	46.59	ng		98
35) Caprolactam	7.85	113	93816m	36.08	ng		
36) 4-Chloro-3-methylphenol	8.03	107	426386	50.05	ng		90
37) 2-Methylnaphthalene	8.16	142	943983	47.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.37	216	357068	45.16	ng		100
40) Hexachlorocyclopentadiene	8.35	237	335453	90.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.52	196	271771	48.59	ng		97
43) 2,4,5-Trichlorophenol	8.58	196	280772	46.39	ng		94
45) 1,1'-Biphenyl	8.73	154	1044561	44.81	ng		98
46) 2-Chloronaphthalene	8.75	162	837673	45.91	ng		95
47) 2-Nitroaniline	8.89	65	248863	45.97	ng	#	83
48) Acenaphthylene	9.26	152	1293717	42.66	ng		99
49) Dimethylphthalate	9.13	163	1011062	49.22	ng		100
50) 2,6-Dinitrotoluene	9.19	165	233071	49.49	ng	#	89
51) Acenaphthene	9.47	154	794482	44.90	ng		99
52) 3-Nitroaniline	9.39	138	134184	24.26	ng		91
53) 2,4-Dinitrophenol	9.53	184	233793	92.03	ng	#	73
54) Dibenzofuran	9.69	168	1134937	47.11	ng		99
55) 4-Nitrophenol	9.66	139	374016m	86.36	ng		
56) 2,4-Dinitrotoluene	9.69	165	272957	46.14	ng	#	88
57) Fluorene	10.10	166	882662	44.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	201547	48.53	ng		97
59) Diethylphthalate	10.00	149	971113	47.83	ng		99
60) 4-Chlorophenyl-phenylether	10.11	204	378417	44.47	ng		96
61) 4-Nitroaniline	10.16	138	227356	42.84	ng		96
62) Azobenzene	10.31	77	912935	47.53	ng		94
64) 4,6-Dinitro-2-methylphenol	10.20	198	160155	53.06	ng	#	64
65) n-Nitrosodiphenylamine	10.27	169	817115	47.94	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	235865	48.66	ng		98
67) Hexachlorobenzene	10.78	284	238202	48.54	ng	#	85
68) Atrazine	10.95	200	244270	47.85	ng		96
69) Pentachlorophenol	11.04	266	218845	71.65	ng		98
70) Phenanthrene	11.29	178	1287822	46.97	ng		98
71) Anthracene	11.35	178	1319191	46.73	ng		99
72) Carbazole	11.56	167	1262340	43.61	ng		98
73) Di-n-butylphthalate	12.00	149	1478852	49.12	ng		98
74) Fluoranthene	12.74	202	1297584	46.22	ng		99
76) Benzidine	12.91	184	329460	21.41	ng	#	93
77) Pyrene	13.02	202	1305197	46.26	ng		99
79) Butylbenzylphthalate	13.84	149	624585	51.96	ng		88
80) Benzo(a)anthracene	14.49	228	1074368	47.39	ng		98
81) 3,3'-Dichlorobenzidine	14.46	252	181625	22.41	ng	#	96
82) Chrysene	14.53	228	963591	45.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.55	149	873101	53.24	ng	#	100
84) Di-n-octyl phthalate	15.30	149	1428928	52.15	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	823344	45.19	ng		99
87) Benzo(b)fluoranthene	15.72	252	891308	47.21	ng		99
88) Benzo(k)fluoranthene	15.75	252	860055m	46.56	ng		
89) Benzo(a)pyrene	16.06	252	819317	47.13	ng		100
90) Dibenzo(a,h)anthracene	17.43	278	693250	47.08	ng		98
91) Benzo(g,h,i)perylene	17.79	276	694343	46.79	ng		98

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

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