Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094042.D
Acq On : 30 Mar 2017 2:08
Operator : SJ/MA
Sample : I2443-14MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Manual Integrations APPROVED
mohammad
3/30/2017 2:33:14 PM

Quant Time: Mar 30 04:39:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	169138	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	677969	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	302584	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	491768	20.00	ng		-0.02
75) Chrysene-d12	14.65	240	302032	20.00	ng		-0.03
86) Perylene-d12	16.28	264	276349	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1292640	129.08	ng		0.00
7) Phenol-d6	5.54	99	1643198	132.64	ng		-0.01
23) Nitrobenzene-d5	6.58	82	1014160	85.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	294105	123.00	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1535424	77.40	ng		-0.02
78) Terphenyl-d14	13.37	244	967296	71.79	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	179993	37.41	ng		99
3) Pyridine	2.82	79	538662	41.08	ng		99
4) n-Nitrosodimethylamine	2.78	42	243816	45.19	ng		88
6) Aniline	5.55	93	204256	11.85	ng	#	1
8) 2-Chlorophenol	5.69	128	520802	47.32	ng		97
9) Benzaldehyde	5.42	77	104144	12.45	ng		99
10) Phenol	5.56	94	631127	44.77	ng		91
11) bis(2-Chloroethyl)ether	5.63	93	499849	45.37	ng		97
12) 1,3-Dichlorobenzene	5.86	146	549949	44.54	ng		99
13) 1,4-Dichlorobenzene	5.95	146	559085	44.71	ng		98
14) 1,2-Dichlorobenzene	6.12	146	515583	44.77	ng		96
15) Benzyl Alcohol	6.10	79	412888	45.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.26	45	680049	40.06	ng		96
17) 2-Methylphenol	6.24	107	436695	46.33	ng		95
18) Hexachloroethane	6.52	117	183620	41.78	ng		89
19) n-Nitroso-di-n-propylamine	6.42	70	363371	45.64	ng		97
20) 3+4-Methylphenols	6.42	107	575500	50.41	ng	#	63
22) Acetophenone	6.40	105	740315	48.99	ng	#	87
24) Nitrobenzene	6.60	77	536253	45.77	ng		95
25) Isophorone	6.89	82	963242	46.14	ng		96
26) 2-Nitrophenol	6.97	139	187909	33.63	ng		94
27) 2,4-Dimethylphenol	7.05	122	475964	49.44	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	634506	46.09	ng		98
29) 2,4-Dichlorophenol	7.27	162	439842	48.86	ng		98
30) 1,2,4-Trichlorobenzene	7.36	180	431920	46.59	ng		99
31) Naphthalene	7.46	128	1501163	46.05	ng		100
32) Benzoic acid	7.14	122	23872	3.72	ng		89
33) 4-Chloroaniline	7.52	127	112402	8.51	ng	#	93
34) Hexachlorobutadiene	7.61	225	215120	45.24	ng		99
35) Caprolactam	7.99	113	143544m	50.00	ng		
36) 4-Chloro-3-methylphenol	8.15	107	457343	48.62	ng		87
37) 2-Methylnaphthalene	8.30	142	1016337	46.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	382956	46.26	ng		99
40) Hexachlorocyclopentadiene	8.49	237	126275	32.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	292921	50.02	ng		97
43) 2,4,5-Trichlorophenol	8.71	196	288483	45.52	ng		93
45) 1,1'-Biphenyl	8.87	154	1105821	45.31	ng		98
46) 2-Chloronaphthalene	8.89	162	874138	45.75	ng		94
47) 2-Nitroaniline	9.02	65	302611	53.39	ng		88
48) Acenaphthylene	9.40	152	1387098	43.69	ng		99
49) Dimethylphthalate	9.26	163	1172408	54.51	ng		100
50) 2,6-Dinitrotoluene	9.33	165	203385	41.25	ng	#	90
51) Acenaphthene	9.62	154	824149	44.48	ng		100
52) 3-Nitroaniline	9.53	138	224651	38.80	ng		83
53) 2,4-Dinitrophenol	9.66	184	6940	7.14	ng	#	75
54) Dibenzofuran	9.83	168	1197878	47.50	ng		100
55) 4-Nitrophenol	9.77	139	302253	66.66	ng	#	74
56) 2,4-Dinitrotoluene	9.82	165	226526	36.57	ng	#	70
57) Fluorene	10.25	166	880254	42.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	197899	45.51	ng	#	97
59) Diethylphthalate	10.13	149	1012615	47.63	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	375384	42.13	ng		89
61) 4-Nitroaniline	10.29	138	284349	51.18	ng		97
62) Azobenzene	10.45	77	946386	47.06	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	12969	4.31	ng	#	76
65) n-Nitrosodiphenylamine	10.40	169	834771	49.09	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	235011	48.59	ng		97
67) Hexachlorobenzene	10.93	284	232403	47.47	ng	#	90
68) Atrazine	11.07	200	210676	41.36	ng		95
69) Pentachlorophenol	11.17	266	192724	63.24	ng		98
70) Phenanthrene	11.43	178	1428652	52.22	ng		100
71) Anthracene	11.49	178	1292747	45.90	ng		99
72) Carbazole	11.69	167	1171801	40.57	ng		99
73) Di-n-butylphthalate	12.14	149	1452557	48.36	ng		99
74) Fluoranthene	12.89	202	1356802	48.44	ng		99
76) Benzidine	13.06	184	177729	14.87	ng	#	92
77) Pyrene	13.17	202	1372192	62.60	ng		100
79) Butylbenzylphthalate	13.98	149	528174	56.55	ng	#	85
80) Benzo(a)anthracene	14.64	228	926329	52.60	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	178978	28.43	ng	#	98
82) Chrysene	14.69	228	840099	51.40	ng		99
83) Bis(2-ethylhexyl)phthalate	14.70	149	708761	55.62	ng	#	98
84) Di-n-octyl phthalate	15.46	149	1123880	52.80	ng		100
85) Indeno(1,2,3-cd)pyrene	17.65	276	783039	55.32	ng		99
87) Benzo(b)fluoranthene	15.87	252	940640	55.53	ng		98
88) Benzo(k)fluoranthene	15.90	252	696666	42.03	ng		97
89) Benzo(a)pyrene	16.23	252	858203	55.02	ng		99
90) Dibenzo(a,h)anthracene	17.67	278	618039	46.78	ng		99
91) Benzo(g,h,i)perylene	18.06	276	669039	50.25	ng		98

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

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