Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
Data File : BF094541.D
Acq On : 20 Apr 2017 13:38
Operator : SJ/MA
Sample : I2744-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(18-20)20170418MS

Manual Integrations APPROVED

mohammad

4/21/2017 11:35:59 AM

Quant Time: Apr 21 05:52:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116491	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	475444	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	220032	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	415096	20.00	ng		0.00
75) Chrysene-d12	14.47	240	348168	20.00	ng		0.00
86) Perylene-d12	16.08	264	263479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	818837	116.62	ng		0.02
7) Phenol-d6	5.40	99	1009862	122.00	ng		0.00
23) Nitrobenzene-d5	6.42	82	627445	81.49	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	220299	128.00	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1167627	78.08	ng		0.00
78) Terphenyl-d14	13.19	244	1126552	86.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	117188	28.70	ng		97
3) Pyridine	2.64	79	272449	30.53	ng		97
4) n-Nitrosodimethylamine	2.59	42	137637	37.27	ng		91
6) Aniline	5.40	93	266713	24.24	ng	#	81
8) 2-Chlorophenol	5.54	128	321547	40.24	ng		99
9) Benzaldehyde	5.27	77	62128	9.87	ng		98
10) Phenol	5.41	94	411670	40.48	ng		93
11) bis(2-Chloroethyl)ether	5.48	93	294147	39.60	ng		95
12) 1,3-Dichlorobenzene	5.70	146	341144	38.54	ng		99
13) 1,4-Dichlorobenzene	5.79	146	347662	39.04	ng		97
14) 1,2-Dichlorobenzene	5.96	146	323797	39.47	ng		96
15) Benzyl Alcohol	5.94	79	248358	40.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	393933	40.45	ng		82
17) 2-Methylphenol	6.09	107	255095	40.54	ng		94
18) Hexachloroethane	6.35	117	117993	38.65	ng	#	85
19) n-Nitroso-di-n-propylamine	6.25	70	228949	41.74	ng		97
20) 3+4-Methylphenols	6.27	107	356535	41.70	ng	#	62
22) Acetophenone	6.24	105	456987	39.53	ng	#	85
24) Nitrobenzene	6.44	77	325798	40.18	ng		92
25) Isophorone	6.72	82	583686	40.89	ng		97
26) 2-Nitrophenol	6.81	139	177792	40.81	ng		98
27) 2,4-Dimethylphenol	6.89	122	282153	39.88	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	375738	40.70	ng		100
29) 2,4-Dichlorophenol	7.11	162	273821	41.60	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	271266	39.86	ng		99
31) Naphthalene	7.29	128	912211	39.91	ng		99
33) 4-Chloroaniline	7.36	127	74102	7.79	ng		96
34) Hexachlorobutadiene	7.44	225	134743	39.71	ng		98
35) Caprolactam	7.82	113	78517m	37.97	ng		
36) 4-Chloro-3-methylphenol	7.99	107	282930	41.01	ng		89
37) 2-Methylnaphthalene	8.13	142	638075	40.80	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	242932	38.77	ng		99
40) Hexachlorocyclopentadiene	8.32	237	223866	88.32	ng		98
42) 2,4,6-Trichlorophenol	8.49	196	178350	40.53	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.54	196	183400	40.59	ng		97
45) 1,1'-Biphenyl	8.70	154	708776	39.43	ng		98
46) 2-Chloronaphthalene	8.72	162	574190	40.17	ng		94
47) 2-Nitroaniline	8.85	65	171615	41.73	ng	#	84
48) Acenaphthylene	9.22	152	875806	39.30	ng		99
49) Dimethylphthalate	9.10	163	801616	48.89	ng		98
50) 2,6-Dinitrotoluene	9.16	165	157163	42.70	ng	#	89
51) Acenaphthene	9.44	154	529971	39.71	ng		98
52) 3-Nitroaniline	9.36	138	90067	21.15	ng		89
53) 2,4-Dinitrophenol	9.50	184	56493	32.01	ng	#	68
54) Dibenzofuran	9.65	168	790215	40.74	ng		98
55) 4-Nitrophenol	9.62	139	238856	79.40	ng	#	74
56) 2,4-Dinitrotoluene	9.66	165	199176	44.10	ng	#	91
57) Fluorene	10.07	166	624974	41.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	138398	42.73	ng		98
59) Diethylphthalate	9.96	149	667712	43.16	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	269532	42.87	ng		93
61) 4-Nitroaniline	10.12	138	159119	36.76	ng		97
62) Azobenzene	10.27	77	636655	42.38	ng		96
64) 4,6-Dinitro-2-methylphenol	10.16	198	89382	32.86	ng	#	75
65) n-Nitrosodiphenylamine	10.23	169	570796	39.54	ng		97
66) 4-Bromophenyl-phenylether	10.67	248	166483	40.39	ng		96
67) Hexachlorobenzene	10.75	284	166216	40.02	ng	#	91
68) Atrazine	10.91	200	176163	40.79	ng		97
69) Pentachlorophenol	11.00	266	139967	84.86	ng		98
70) Phenanthrene	11.25	178	925455	39.59	ng		99
71) Anthracene	11.31	178	966377	39.97	ng		99
72) Carbazole	11.52	167	907088	39.97	ng		98
73) Di-n-butylphthalate	11.97	149	1129872	45.22	ng		99
74) Fluoranthene	12.71	202	994711	41.06	ng		99
76) Benzidine	12.88	184	188921	13.40	ng	#	92
77) Pyrene	12.98	202	1020466	41.95	ng		99
79) Butylbenzylphthalate	13.80	149	493045	46.25	ng	#	85
80) Benzo(a)anthracene	14.45	228	823735	40.70	ng		98
81) 3,3'-Dichlorobenzidine	14.43	252	176786	24.68	ng	#	95
82) Chrysene	14.49	228	754465	40.79	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	721853	50.43	ng	#	99
84) Di-n-octyl phthalate	15.27	149	1060590	44.17	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	628391	35.71	ng		100
87) Benzo(b)fluoranthene	15.69	252	654673	40.62	ng		99
88) Benzo(k)fluoranthene	15.72	252	591916	38.81	ng	#	94
89) Benzo(a)pyrene	16.03	252	609749	40.66	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	515702	41.42	ng		99
91) Benzo(g,h,i)perylene	17.74	276	538676	42.49	ng		98

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

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