Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094321.D
Acq On : 10 Apr 2017 19:49
Operator : SJ/MA
Sample : I2601-09MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-26-S1(0-2)MSD

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:20 PM

Quant Time: Apr 11 01:57:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	162626	20.00	ng		-0.02
21) Naphthalene-d8	7.34	136	652419	20.00	ng		-0.02
38) Acenaphthene-d10	9.48	164	294309	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	507190	20.00	ng		-0.02
75) Chrysene-d12	14.56	240	380423	20.00	ng		-0.02
86) Perylene-d12	16.18	264	269208	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1047888	108.83	ng		0.02
7) Phenol-d6	5.48	99	1331566	111.79	ng		0.02
23) Nitrobenzene-d5	6.49	82	829150	72.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.46	330	279559	120.21	ng		-0.01
44) 2-Fluorobiphenyl	8.67	172	1482572	76.83	ng		-0.02
78) Terphenyl-d14	13.29	244	1222790	72.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	142096	30.72	ng		96
3) Pyridine	2.72	79	106340	8.43	ng		99
4) n-Nitrosodimethylamine	2.67	42	184742	35.61	ng		83
6) Aniline	5.46	93	289716	17.49	ng		92
8) 2-Chlorophenol	5.62	128	407920	38.54	ng		95
9) Benzaldehyde	5.33	77	160043	19.90	ng		96
10) Phenol	5.49	94	558199	41.18	ng		90
11) bis(2-Chloroethyl)ether	5.55	93	390424	36.86	ng		96
12) 1,3-Dichlorobenzene	5.77	146	442430	37.27	ng		99
13) 1,4-Dichlorobenzene	5.86	146	446721	37.15	ng		96
14) 1,2-Dichlorobenzene	6.03	146	411560	37.17	ng		96
15) Benzyl Alcohol	6.02	79	319701	36.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.17	45	519444	31.82	ng	#	36
17) 2-Methylphenol	6.17	107	326643	36.04	ng	#	92
18) Hexachloroethane	6.43	117	154987	36.67	ng	#	87
19) n-Nitroso-di-n-propylamine	6.33	70	298050	38.93	ng		96
20) 3+4-Methylphenols	6.35	107	452563	41.23	ng	#	61
22) Acetophenone	6.32	105	571699	39.32	ng	#	85
24) Nitrobenzene	6.51	77	418242	37.09	ng		96
25) Isophorone	6.80	82	741389	36.91	ng		96
26) 2-Nitrophenol	6.89	139	227461	42.30	ng		96
27) 2,4-Dimethylphenol	6.97	122	364138	39.30	ng		99
28) bis(2-Chloroethoxy)methane	7.06	93	483229	36.48	ng		99
29) 2,4-Dichlorophenol	7.20	162	344596	39.78	ng		99
30) 1,2,4-Trichlorobenzene	7.28	180	340569	38.17	ng		98
31) Naphthalene	7.37	128	1156819	36.88	ng		99
32) Benzoic acid	7.13	122	128586	20.85	ng		94
33) 4-Chloroaniline	7.44	127	260453	20.48	ng		94
34) Hexachlorobutadiene	7.52	225	171713	37.53	ng		99
35) Caprolactam	7.88	113	89361m	32.35	ng		
36) 4-Chloro-3-methylphenol	8.07	107	355670	39.29	ng		89
37) 2-Methylnaphthalene	8.21	142	791497	37.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	296119	36.78	ng		98
40) Hexachlorocyclopentadiene	8.40	237	284317	75.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	226206	39.71	ng		98
43) 2,4,5-Trichlorophenol	8.63	196	225074	36.52	ng		95
45) 1,1'-Biphenyl	8.79	154	877510	36.97	ng		97
46) 2-Chloronaphthalene	8.80	162	704502	37.91	ng		95
47) 2-Nitroaniline	8.94	65	211223	38.32	ng	#	84
48) Acenaphthylene	9.31	152	1087159	35.20	ng		99
49) Dimethylphthalate	9.18	163	1111391	53.12	ng		99
50) 2,6-Dinitrotoluene	9.25	165	183747	38.31	ng		99
51) Acenaphthene	9.53	154	649891	36.06	ng		99
52) 3-Nitroaniline	9.45	138	156294	27.75	ng		91
53) 2,4-Dinitrophenol	9.58	184	152310	60.55	ng	#	72
54) Dibenzofuran	9.74	168	922079	37.59	ng		98
55) 4-Nitrophenol	9.72	139	334714	75.90	ng		89
56) 2,4-Dinitrotoluene	9.74	165	220413	36.59	ng	#	72
57) Fluorene	10.16	166	712448	35.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	165146	39.05	ng		96
59) Diethylphthalate	10.05	149	789463	38.18	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	308120	35.55	ng		95
61) 4-Nitroaniline	10.20	138	186865	34.58	ng		94
62) Azobenzene	10.36	77	755352	38.62	ng		94
64) 4,6-Dinitro-2-methylphenol	10.25	198	119564	38.49	ng	#	63
65) n-Nitrosodiphenylamine	10.32	169	664200	37.87	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	188373	37.76	ng		98
67) Hexachlorobenzene	10.83	284	192654	38.15	ng	#	83
68) Atrazine	10.99	200	191876	36.52	ng		97
69) Pentachlorophenol	11.09	266	167880	53.41	ng		97
70) Phenanthrene	11.34	178	1022706	36.25	ng		99
71) Anthracene	11.40	178	1072471	36.92	ng		98
72) Carbazole	11.61	167	999243	33.54	ng		98
73) Di-n-butylphthalate	12.05	149	1195265	38.58	ng		99
74) Fluoranthene	12.80	202	1041969	36.07	ng		99
77) Pyrene	13.07	202	1050828	38.06	ng		99
79) Butylbenzylphthalate	13.89	149	492739	41.89	ng	#	87
80) Benzo(a)anthracene	14.54	228	803045	36.20	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	180756	22.80	ng	#	96
82) Chrysene	14.59	228	701050	34.05	ng		99
83) Bis(2-ethylhexyl)phthalate	14.60	149	670671	41.79	ng		99
84) Di-n-octyl phthalate	15.36	149	1055291	39.36	ng		97
85) Indeno(1,2,3-cd)pyrene	17.50	276	608284	34.12	ng		99
87) Benzo(b)fluoranthene	15.78	252	617426	37.42	ng		99
88) Benzo(k)fluoranthene	15.81	252	594566	36.83	ng		96
89) Benzo(a)pyrene	16.13	252	564783	37.17	ng		99
90) Dibenzo(a,h)anthracene	17.52	278	504427	39.20	ng		98
91) Benzo(g,h,i)perylene	17.89	276	516991	39.86	ng		98

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

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