Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094098.D
Acq On : 31 Mar 2017 16:11
Operator : SJ/MA
Sample : I2458-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MSD

Manual Integrations APPROVED
mohammad
4/3/2017 3:25:43 PM

Quant Time: Mar 31 23:53:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	185400	20.00	ng		0.00
21) Naphthalene-d8	7.40	136	741115	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	334994	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	569685	20.00	ng		0.00
75) Chrysene-d12	14.63	240	420384	20.00	ng		0.00
86) Perylene-d12	16.25	264	306273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.45	112	1522230	138.68	ng		0.01
7) Phenol-d6	5.52	99	1921399	141.49	ng		0.00
23) Nitrobenzene-d5	6.56	82	1216539	93.68	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	398492	150.53	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	2065242	94.03	ng		0.00
78) Terphenyl-d14	13.35	244	1640674	87.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	216451	41.04	ng		97
3) Pyridine	2.82	79	100676	7.00	ng		96
4) n-Nitrosodimethylamine	2.76	42	276176	46.70	ng		94
6) Aniline	5.53	93	400310	21.19	ng	#	1
8) 2-Chlorophenol	5.67	128	609940	50.55	ng		97
9) Benzaldehyde	5.39	77	128530	14.02	ng		98
10) Phenol	5.53	94	748150	48.42	ng		92
11) bis(2-Chloroethyl)ether	5.61	93	575495	47.66	ng		99
12) 1,3-Dichlorobenzene	5.83	146	653687	48.30	ng		98
13) 1,4-Dichlorobenzene	5.92	146	656269	47.88	ng		97
14) 1,2-Dichlorobenzene	6.10	146	603309	47.79	ng		97
15) Benzyl Alcohol	6.07	79	491013	49.40	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.23	45	783890	42.13	ng		96
17) 2-Methylphenol	6.22	107	511036	49.46	ng		97
18) Hexachloroethane	6.49	117	229404	47.61	ng	#	88
19) n-Nitroso-di-n-propylamine	6.39	70	411895	47.19	ng		97
20) 3+4-Methylphenols	6.39	107	636814	50.89	ng	#	64
22) Acetophenone	6.37	105	855760	51.81	ng	#	87
24) Nitrobenzene	6.57	77	630983	49.27	ng		95
25) Isophorone	6.86	82	1116430	48.93	ng		95
26) 2-Nitrophenol	6.95	139	348634	57.08	ng		98
27) 2,4-Dimethylphenol	7.02	122	549436	52.21	ng		99
28) bis(2-Chloroethoxy)methane	7.13	93	726394	48.27	ng		99
29) 2,4-Dichlorophenol	7.25	162	529322	53.79	ng		97
30) 1,2,4-Trichlorobenzene	7.34	180	512977	50.61	ng		99
31) Naphthalene	7.43	128	1705007	47.85	ng		100
32) Benzoic acid	7.17	122	193018	27.55	ng		97
33) 4-Chloroaniline	7.50	127	367415	25.44	ng	#	94
34) Hexachlorobutadiene	7.59	225	253974	48.86	ng		97
35) Caprolactam	7.95	113	139371m	44.41	ng		
36) 4-Chloro-3-methylphenol	8.12	107	555022	53.98	ng		88
37) 2-Methylnaphthalene	8.27	142	1178899	49.63	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	434945	47.46	ng		99
40) Hexachlorocyclopentadiene	8.47	237	409016	95.38	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	351153	54.16	ng		98
43) 2,4,5-Trichlorophenol	8.69	196	354597	50.54	ng	#	91
45) 1,1'-Biphenyl	8.85	154	1286741	47.62	ng		97
46) 2-Chloronaphthalene	8.87	162	1036955	49.03	ng		94
47) 2-Nitroaniline	9.00	65	321481	51.24	ng	#	85
48) Acenaphthylene	9.38	152	1613512	45.90	ng		99
49) Dimethylphthalate	9.25	163	1299569	54.57	ng		99
50) 2,6-Dinitrotoluene	9.30	165	283076	51.86	ng		90
51) Acenaphthene	9.59	154	960073	46.81	ng		100
52) 3-Nitroaniline	9.50	138	216236	33.73	ng		92
53) 2,4-Dinitrophenol	9.64	184	219074	75.29	ng	#	71
54) Dibenzofuran	9.80	168	1383158	49.54	ng		99
55) 4-Nitrophenol	9.75	139	431848	86.03	ng	#	66
56) 2,4-Dinitrotoluene	9.80	165	334351	48.76	ng	#	71
57) Fluorene	10.23	166	1029863	44.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	258759	53.75	ng		97
59) Diethylphthalate	10.11	149	1148107	48.78	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	440651	44.67	ng		93
61) 4-Nitroaniline	10.27	138	303298	49.31	ng		96
62) Azobenzene	10.43	77	1121689	50.38	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	173583	49.75	ng	#	72
65) n-Nitrosodiphenylamine	10.38	169	960483	48.75	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	284203	50.72	ng		97
67) Hexachlorobenzene	10.90	284	286390	50.49	ng	#	93
68) Atrazine	11.05	200	258678	43.84	ng		97
69) Pentachlorophenol	11.15	266	292287	82.79	ng		100
70) Phenanthrene	11.40	178	1512164	47.72	ng		99
71) Anthracene	11.47	178	1576483	48.31	ng		99
72) Carbazole	11.67	167	1516346	45.32	ng		98
73) Di-n-butylphthalate	12.12	149	1721943	49.49	ng		99
74) Fluoranthene	12.86	202	1541221	47.49	ng		99
76) Benzidine	13.03	184	46805	2.81	ng	#	92
77) Pyrene	13.14	202	1550479	50.82	ng		99
79) Butylbenzylphthalate	13.96	149	726893	55.92	ng	#	84
80) Benzo(a)anthracene	14.62	228	1192081	48.63	ng		100
81) 3,3'-Dichlorobenzidine	14.59	252	271620	31.00	ng	#	95
82) Chrysene	14.66	228	1031299	45.33	ng		99
83) Bis(2-ethylhexyl)phthalate	14.67	149	970076	54.70	ng	#	99
84) Di-n-octyl phthalate	15.43	149	1548221	52.26	ng		98
85) Indeno(1,2,3-cd)pyrene	17.60	276	943091	47.87	ng		100
87) Benzo(b)fluoranthene	15.84	252	953373	50.78	ng		98
88) Benzo(k)fluoranthene	15.88	252	822904m	44.80	ng		
89) Benzo(a)pyrene	16.20	252	845641	48.91	ng		100
90) Dibenzo(a,h)anthracene	17.63	278	779776	53.26	ng		98
91) Benzo(g,h,i)perylene	18.00	276	801364	54.31	ng		99

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

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