Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094097.D
Acq On : 31 Mar 2017 15:44
Operator : SJ/MA
Sample : I2458-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/3/2017 3:25:40 PM

Quant Time: Mar 31 23:51:40 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	176239	20.00	ng		0.00
21) Naphthalene-d8	7.40	136	703823	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	307759	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	521936	20.00	ng		0.00
75) Chrysene-d12	14.63	240	369413	20.00	ng		0.00
86) Perylene-d12	16.25	264	266704	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.45	112	1433092	137.34	ng		0.01
7) Phenol-d6	5.52	99	1836501	142.27	ng		0.00
23) Nitrobenzene-d5	6.56	82	1148311	93.11	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	374685	154.07	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	1950370	96.66	ng		0.00
78) Terphenyl-d14	13.35	244	1489482	90.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	198154	39.53	ng		98
3) Pyridine	2.81	79	97469	7.13	ng		99
4) n-Nitrosodimethylamine	2.75	42	266871	47.47	ng		91
6) Aniline	5.53	93	476480	26.54	ng	#	1
8) 2-Chlorophenol	5.67	128	586665	51.15	ng		96
9) Benzaldehyde	5.39	77	121742	13.97	ng		100
10) Phenol	5.53	94	713357	48.56	ng		92
11) bis(2-Chloroethyl)ether	5.61	93	548149	47.75	ng		98
12) 1,3-Dichlorobenzene	5.83	146	614821	47.79	ng		98
13) 1,4-Dichlorobenzene	5.92	146	620633	47.63	ng		97
14) 1,2-Dichlorobenzene	6.10	146	574695	47.89	ng		95
15) Benzyl Alcohol	6.07	79	476697	50.45	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	754817	42.67	ng		96
17) 2-Methylphenol	6.22	107	496940	50.59	ng		95
18) Hexachloroethane	6.49	117	214863	46.91	ng		89
19) n-Nitroso-di-n-propylamine	6.39	70	398972	48.09	ng		97
20) 3+4-Methylphenols	6.39	107	617691	51.92	ng	#	64
22) Acetophenone	6.37	105	829090	52.85	ng	#	87
24) Nitrobenzene	6.57	77	601524	49.45	ng		95
25) Isophorone	6.86	82	1076605	49.68	ng		96
26) 2-Nitrophenol	6.95	139	331489	57.15	ng		98
27) 2,4-Dimethylphenol	7.02	122	532261	53.25	ng		98
28) bis(2-Chloroethoxy)methane	7.12	93	698496	48.88	ng		100
29) 2,4-Dichlorophenol	7.25	162	509804	54.55	ng		97
30) 1,2,4-Trichlorobenzene	7.34	180	485763	50.47	ng		97
31) Naphthalene	7.43	128	1637591	48.39	ng		100
32) Benzoic acid	7.16	122	181693	27.31	ng		94
33) 4-Chloroaniline	7.50	127	455582	33.21	ng		94
34) Hexachlorobutadiene	7.59	225	239044	48.43	ng		99
35) Caprolactam	7.95	113	147042m	49.34	ng		
36) 4-Chloro-3-methylphenol	8.12	107	536266	54.92	ng		88
37) 2-Methylnaphthalene	8.27	142	1130082	50.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	417826	49.63	ng		98
40) Hexachlorocyclopentadiene	8.47	237	380053	96.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	336522	56.50	ng		98
43) 2,4,5-Trichlorophenol	8.68	196	339832	52.73	ng		95
45) 1,1'-Biphenyl	8.85	154	1242077	50.04	ng		98
46) 2-Chloronaphthalene	8.87	162	999611	51.44	ng		95
47) 2-Nitroaniline	9.00	65	310852	53.93	ng	#	84
48) Acenaphthylene	9.38	152	1554123	48.12	ng		99
49) Dimethylphthalate	9.25	163	1261056	57.64	ng		99
50) 2,6-Dinitrotoluene	9.30	165	271298	54.10	ng	#	88
51) Acenaphthene	9.59	154	930105	49.36	ng		99
52) 3-Nitroaniline	9.50	138	229585	38.99	ng		92
53) 2,4-Dinitrophenol	9.64	184	195054	73.11	ng	#	72
54) Dibenzofuran	9.80	168	1313713	51.21	ng		99
55) 4-Nitrophenol	9.75	139	403741	87.55	ng	#	71
56) 2,4-Dinitrotoluene	9.80	165	322938	51.26	ng	#	67
57) Fluorene	10.22	166	991722	46.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	244177	55.21	ng		97
59) Diethylphthalate	10.11	149	1100634	50.90	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	424277	46.82	ng		94
61) 4-Nitroaniline	10.27	138	289967	51.31	ng		98
62) Azobenzene	10.43	77	1083616	52.98	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	163431	51.13	ng	#	69
65) n-Nitrosodiphenylamine	10.38	169	927670	51.39	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	267702	52.15	ng		95
67) Hexachlorobenzene	10.90	284	277428	53.39	ng	#	84
68) Atrazine	11.05	200	259345	47.97	ng		97
69) Pentachlorophenol	11.15	266	274519	84.88	ng		98
70) Phenanthrene	11.40	178	1455105	50.12	ng		99
71) Anthracene	11.47	178	1493320	49.95	ng		100
72) Carbazole	11.67	167	1431053	46.68	ng		99
73) Di-n-butylphthalate	12.12	149	1625159	50.98	ng		99
74) Fluoranthene	12.86	202	1438403	48.38	ng		99
76) Benzidine	13.03	184	50576	3.46	ng		94
77) Pyrene	13.14	202	1457545	54.37	ng		100
79) Butylbenzylphthalate	13.96	149	675102	59.10	ng	#	85
80) Benzo(a)anthracene	14.61	228	1079226	50.10	ng		100
81) 3,3'-Dichlorobenzidine	14.59	252	274736	35.68	ng	#	96
82) Chrysene	14.66	228	947916	47.42	ng		99
83) Bis(2-ethylhexyl)phthalate	14.67	149	897430	57.58	ng	#	100
84) Di-n-octyl phthalate	15.43	149	1357494	52.14	ng		97
85) Indeno(1,2,3-cd)pyrene	17.60	276	856678	49.48	ng		100
87) Benzo(b)fluoranthene	15.84	252	791540	48.42	ng		98
88) Benzo(k)fluoranthene	15.87	252	800065	50.02	ng		96
89) Benzo(a)pyrene	16.19	252	749684	49.80	ng		98
90) Dibenzo(a,h)anthracene	17.63	278	704425	55.25	ng		99
91) Benzo(g,h,i)perylene	18.00	276	731728	56.95	ng		98

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

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