Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094237.D
Acq On : 6 Apr 2017 19:22
Operator : SJ/MA
Sample : I2534-13MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-B-02(10-15)MS

Manual Integrations APPROVED
mohammad
4/7/2017 5:21:02 PM

Quant Time: Apr 07 01:26:26 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	5.85	152	167169	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	700624	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	325652	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	577069	20.00	ng		0.00
75) Chrysene-d12	14.57	240	387504	20.00	ng		0.00
86) Perylene-d12	16.19	264	286048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1386599	140.10	ng		0.01
7) Phenol-d6	5.47	99	1793067	146.44	ng		0.00
23) Nitrobenzene-d5	6.51	82	1116216	90.92	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	389126	151.21	ng		0.00
44) 2-Fluorobiphenyl	8.69	172	1958519	91.73	ng		0.00
78) Terphenyl-d14	13.30	244	1578843	91.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	189118	39.77	ng		97
3) Pyridine	2.73	79	517528	39.93	ng		97
4) n-Nitrosodimethylamine	2.69	42	261353	49.01	ng		91
6) Aniline	5.48	93	298070	17.50	ng	#	1
8) 2-Chlorophenol	5.62	128	559539	51.43	ng		97
9) Benzaldehyde	5.35	77	278392	33.67	ng		99
10) Phenol	5.49	94	682529	48.99	ng		96
11) bis(2-Chloroethyl)ether	5.56	93	529756	48.65	ng		99
12) 1,3-Dichlorobenzene	5.79	146	579105	47.46	ng		98
13) 1,4-Dichlorobenzene	5.87	146	585709	47.39	ng		98
14) 1,2-Dichlorobenzene	6.05	146	547989	48.14	ng		95
15) Benzyl Alcohol	6.03	79	460644	51.40	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.19	45	740293	44.12	ng		97
17) 2-Methylphenol	6.17	107	477475	51.25	ng		97
18) Hexachloroethane	6.44	117	206734	47.59	ng	#	82
19) n-Nitroso-di-n-propylamine	6.35	70	391670	49.77	ng		97
20) 3+4-Methylphenols	6.35	107	611081	54.15	ng	#	63
22) Acetophenone	6.33	105	798242	51.12	ng	#	87
24) Nitrobenzene	6.53	77	582952	48.15	ng		96
25) Isophorone	6.82	82	1073632	49.77	ng		97
26) 2-Nitrophenol	6.90	139	328379	56.87	ng		99
27) 2,4-Dimethylphenol	6.97	122	478449	48.09	ng		99
28) bis(2-Chloroethoxy)methane	7.08	93	689023	48.43	ng		99
29) 2,4-Dichlorophenol	7.20	162	500264	53.78	ng		98
30) 1,2,4-Trichlorobenzene	7.29	180	468367	48.88	ng		99
31) Naphthalene	7.39	128	1591386	47.24	ng		99
32) Benzoic acid	7.10	122	122946	18.56	ng		98
33) 4-Chloroaniline	7.45	127	153901	11.27	ng	#	92
34) Hexachlorobutadiene	7.54	225	225655	45.93	ng		97
35) Caprolactam	7.90	113	166412m	56.10	ng		
36) 4-Chloro-3-methylphenol	8.07	107	541093	55.67	ng		88
37) 2-Methylnaphthalene	8.23	142	1114121	49.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	403231	45.26	ng		99
40) Hexachlorocyclopentadiene	8.42	237	302548	72.57	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	335551	53.24	ng		99
43) 2,4,5-Trichlorophenol	8.63	196	347436	50.94	ng		95
45) 1,1'-Biphenyl	8.80	154	1218737	46.40	ng		98
46) 2-Chloronaphthalene	8.82	162	984811	47.90	ng		94
47) 2-Nitroaniline	8.95	65	316659	51.92	ng		86
48) Acenaphthylene	9.33	152	1549888	45.36	ng		99
49) Dimethylphthalate	9.20	163	1335958	57.71	ng		100
50) 2,6-Dinitrotoluene	9.26	165	277071	52.21	ng	#	86
51) Acenaphthene	9.54	154	926518	46.47	ng		99
52) 3-Nitroaniline	9.46	138	153875	24.69	ng		87
53) 2,4-Dinitrophenol	9.59	184	150827	54.68	ng	#	73
54) Dibenzofuran	9.76	168	1329991	49.00	ng		99
55) 4-Nitrophenol	9.70	139	437981	89.75	ng	#	65
56) 2,4-Dinitrotoluene	9.76	165	325367	48.81	ng	#	71
57) Fluorene	10.17	166	1001468	44.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	258555	55.25	ng		98
59) Diethylphthalate	10.06	149	1146039	50.09	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	429625	44.80	ng		95
61) 4-Nitroaniline	10.22	138	289656	48.44	ng		98
62) Azobenzene	10.38	77	1106243	51.11	ng		95
64) 4,6-Dinitro-2-methylphenol	10.26	198	163310	46.21	ng	#	64
65) n-Nitrosodiphenylamine	10.33	169	980221	49.12	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	272207	47.96	ng		99
67) Hexachlorobenzene	10.85	284	278793	48.53	ng	#	85
68) Atrazine	11.00	200	290254	48.56	ng		97
69) Pentachlorophenol	11.10	266	300699	84.09	ng		99
70) Phenanthrene	11.36	178	1490518	46.43	ng		98
71) Anthracene	11.42	178	1538185	46.54	ng		99
72) Carbazole	11.62	167	1485112	43.82	ng		99
73) Di-n-butylphthalate	12.07	149	1740636	49.38	ng		99
74) Fluoranthene	12.82	202	1481466	45.07	ng		99
76) Benzidine	12.98	184	312123	20.35	ng	#	93
77) Pyrene	13.09	202	1482069	52.70	ng		99
79) Butylbenzylphthalate	13.91	149	718666	59.98	ng	#	87
80) Benzo(a)anthracene	14.56	228	1089872	48.23	ng		99
81) 3,3'-Dichlorobenzidine	14.53	252	221671	27.45	ng	#	96
82) Chrysene	14.60	228	975591	46.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.62	149	969414	59.30	ng	#	99
84) Di-n-octyl phthalate	15.38	149	1509038	55.26	ng		98
85) Indeno(1,2,3-cd)pyrene	17.53	276	889394	48.97	ng		99
87) Benzo(b)fluoranthene	15.79	252	884914	50.47	ng		97
88) Benzo(k)fluoranthene	15.83	252	764589m	44.57	ng		
89) Benzo(a)pyrene	16.14	252	776981	48.12	ng		99
90) Dibenzo(a,h)anthracene	17.54	278	732144	53.54	ng		97
91) Benzo(g,h,i)perylene	17.92	276	761576	55.26	ng		99

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

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