Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093157.D
Acq On : 24 Feb 2017 21:07
Operator : SJ/MA
Sample : I1957-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222MSD

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:39 PM

Quant Time: Feb 24 22:31:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149829	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	608500	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	295256	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	522795	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	442679	20.00	ng		-0.01
86) Perylene-d12	15.44	264	298564	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1309007	149.89	ng		-0.01
7) Phenol-d6	6.49	99	1791257	159.41	ng		0.00
23) Nitrobenzene-d5	7.41	82	1132615	103.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	352066	164.87	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1814448	111.33	ng		-0.01
78) Terphenyl-d14	12.96	244	1594678	84.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	207949	44.07	ng	#	86
3) Pyridine	3.15	79	567571	47.30	ng		88
4) n-Nitrosodimethylamine	3.12	42	285545	50.68	ng		85
6) Aniline	6.50	93	485793	31.69	ng	#	81
8) 2-Chlorophenol	6.62	128	527940	54.80	ng		94
9) Benzaldehyde	6.37	77	222492	27.64	ng		85
10) Phenol	6.50	94	765231	58.21	ng		84
11) bis(2-Chloroethyl)ether	6.58	93	545969	52.03	ng		99
12) 1,3-Dichlorobenzene	6.77	146	543625m	48.17	ng		
13) 1,4-Dichlorobenzene	6.85	146	570399	49.94	ng		95
14) 1,2-Dichlorobenzene	7.00	146	489511	44.82	ng		97
15) Benzyl Alcohol	6.99	79	424285	51.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	889715	48.80	ng		99
17) 2-Methylphenol	7.10	107	437933	52.98	ng		97
18) Hexachloroethane	7.34	117	183178	46.98	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	382252	53.44	ng		97
20) 3+4-Methylphenols	7.26	107	526780	53.30	ng	#	83
22) Acetophenone	7.25	105	683763	49.22	ng	#	96
24) Nitrobenzene	7.42	77	521915	46.52	ng		100
25) Isophorone	7.66	82	1038428	51.00	ng		96
26) 2-Nitrophenol	7.74	139	305938	57.36	ng		93
27) 2,4-Dimethylphenol	7.79	122	499135	53.29	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	708265	52.52	ng		100
29) 2,4-Dichlorophenol	7.98	162	425195	48.67	ng		87
30) 1,2,4-Trichlorobenzene	8.06	180	430150	45.69	ng		95
31) Naphthalene	8.14	128	1359940	44.09	ng		99
32) Benzoic acid	7.89	122	69604	18.32	ng		98
33) 4-Chloroaniline	8.20	127	223060	18.44	ng		97
34) Hexachlorobutadiene	8.26	225	213487	41.22	ng		99
35) Caprolactam	8.58	113	148863m	54.17	ng		
36) 4-Chloro-3-methylphenol	8.69	107	465113	51.07	ng		99
37) 2-Methylnaphthalene	8.84	142	968195	48.89	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	388827	46.91	ng		98
40) Hexachlorocyclopentadiene	8.99	237	325984	87.18	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	306367	56.26	ng		94
43) 2,4,5-Trichlorophenol	9.17	196	314654	52.73	ng	#	83
45) 1,1'-Biphenyl	9.30	154	1052883	49.25	ng		96
46) 2-Chloronaphthalene	9.33	162	922693	55.17	ng		95
47) 2-Nitroaniline	9.42	65	310555	55.23	ng		92
48) Acenaphthylene	9.74	152	1452712	50.28	ng		99
49) Dimethylphthalate	9.61	163	1299748	65.36	ng		99
50) 2,6-Dinitrotoluene	9.68	165	250876	58.41	ng	#	92
51) Acenaphthene	9.92	154	835524	48.37	ng		96
52) 3-Nitroaniline	9.85	138	166500	33.87	ng	#	76
53) 2,4-Dinitrophenol	9.96	184	196528	89.36	ng	#	93
54) Dibenzofuran	10.09	168	1126304	48.75	ng		96
55) 4-Nitrophenol	10.03	139	361823	102.21	ng	#	66
56) 2,4-Dinitrotoluene	10.09	165	310250	54.26	ng	#	87
57) Fluorene	10.43	166	916752	51.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	248300	62.38	ng		96
59) Diethylphthalate	10.30	149	1015688	54.19	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	390655	45.75	ng		92
61) 4-Nitroaniline	10.46	138	260167	51.68	ng		93
62) Azobenzene	10.58	77	1083914	55.98	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	179668	55.99	ng		93
65) n-Nitrosodiphenylamine	10.54	169	816434	48.89	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	252417	46.21	ng		95
67) Hexachlorobenzene	10.98	284	256255	47.48	ng		96
68) Atrazine	11.07	200	255376	47.65	ng		100
69) Pentachlorophenol	11.17	266	257082	91.16	ng		96
70) Phenanthrene	11.39	178	1322780	44.16	ng		99
71) Anthracene	11.45	178	1462834	48.63	ng		98
72) Carbazole	11.60	167	1274456	44.33	ng		99
73) Di-n-butylphthalate	11.93	149	1498298	48.18	ng	#	98
74) Fluoranthene	12.58	202	1399662	45.30	ng		97
76) Benzidine	12.70	184	472513	25.05	ng		96
77) Pyrene	12.81	202	1386802	41.86	ng		100
79) Butylbenzylphthalate	13.43	149	658102	48.92	ng		92
80) Benzo(a)anthracene	14.00	228	1158400	42.78	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	238322	24.69	ng	#	94
82) Chrysene	14.03	228	903152	35.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	892724	48.52	ng	#	96
84) Di-n-octyl phthalate	14.59	149	1384787	46.22	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	797308	40.61	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	899101m	45.75	ng		
88) Benzo(k)fluoranthene	15.06	252	868304m	51.17	ng		
89) Benzo(a)pyrene	15.38	252	825227	48.55	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	662755	48.24	ng		98
91) Benzo(g,h,i)perylene	17.27	276	696506	50.18	ng	#	92

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

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