Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092875.D
Acq On : 9 Feb 2017 1:19
Operator : SJ/MA
Sample : I1754-09MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-B2021-CONCRETEMS

Manual Integrations APPROVED
mohammad
2/9/2017 12:31:55 PM

Quant Time: Feb 09 12:46:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143284	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	573654	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	321556	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	514158	20.00	ng		0.00
75) Chrysene-d12	14.07	240	383362	20.00	ng		0.00
86) Perylene-d12	15.51	264	352620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1920	0.23	ng		0.02
7) Phenol-d6	6.53	99	110381	10.27	ng		0.00
23) Nitrobenzene-d5	7.47	82	1003866	97.45	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.26	172	1785247	100.58	ng		0.00
78) Terphenyl-d14	13.01	244	1599106	98.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	150194	33.28	ng	#	84
3) Pyridine	3.26	79	370711	32.31	ng		88
4) n-Nitrosodimethylamine	3.28	42	213730	39.67	ng		86
6) Aniline	6.56	93	306842	20.93	ng	#	48
10) Phenol	6.54	94	172954	13.76	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	387547	38.62	ng		93
12) 1,3-Dichlorobenzene	6.83	146	428765m	39.73	ng		
13) 1,4-Dichlorobenzene	6.91	146	442281	40.49	ng		98
14) 1,2-Dichlorobenzene	7.07	146	447211	42.82	ng		95
15) Benzyl Alcohol	7.04	79	355349	44.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	721698	41.40	ng		96
17) 2-Methylphenol	7.16	107	136695	17.29	ng		98
18) Hexachloroethane	7.41	117	154691	41.49	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	306213	44.76	ng		97
20) 3+4-Methylphenols	7.32	107	200478	21.21	ng	#	74
22) Acetophenone	7.31	105	575758	43.96	ng	#	93
24) Nitrobenzene	7.48	77	422723	39.96	ng		97
25) Isophorone	7.72	82	903695	47.08	ng		100
27) 2,4-Dimethylphenol	7.84	122	172750	19.56	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	539789	42.46	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	368978	41.57	ng		95
31) Naphthalene	8.21	128	3122785	107.39	ng		99
32) Benzoic acid	7.97	122	58586	17.13	ng	#	12
33) 4-Chloroaniline	8.26	127	333953	29.28	ng		95
34) Hexachlorobutadiene	8.33	225	196583	40.26	ng		97
35) Caprolactam	8.59	113	94204	36.36	ng	#	33
37) 2-Methylnaphthalene	8.90	142	1509917	80.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	333199	36.91	ng		99
40) Hexachlorocyclopentadiene	9.05	237	230126	56.51	ng		94
45) 1,1'-Biphenyl	9.36	154	1175928	50.50	ng		96
46) 2-Chloronaphthalene	9.39	162	781251	42.89	ng		95
47) 2-Nitroaniline	9.48	65	228785	37.36	ng		99
48) Acenaphthylene	9.80	152	1279443	40.66	ng		99
49) Dimethylphthalate	9.66	163	729537	33.68	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2,6-Dinitrotoluene	9.73	165	216400	46.26	ng	#	87
51) Acenaphthene	9.97	154	1744972	92.75	ng		96
52) 3-Nitroaniline	9.90	138	207900	38.84	ng	#	72
54) Dibenzofuran	10.14	168	2156388	85.70	ng		98
56) 2,4-Dinitrotoluene	10.13	165	246643	39.61	ng		93
57) Fluorene	10.50	166	2001297	103.38	ng		98
59) Diethylphthalate	10.36	149	790383	38.72	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	313198	33.68	ng		98
61) 4-Nitroaniline	10.51	138	235909	43.03	ng		88
62) Azobenzene	10.64	77	882110	41.83	ng		89
65) n-Nitrosodiphenylamine	10.60	169	847611	51.61	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	227478	42.35	ng		93
67) Hexachlorobenzene	11.04	284	208973	39.37	ng	#	84
68) Atrazine	11.13	200	220583	41.85	ng		100
70) Phenanthrene	11.47	178	5340721m	181.31	ng		
71) Anthracene	11.51	178	1619765m	54.76	ng		
72) Carbazole	11.67	167	1475777	52.19	ng		97
73) Di-n-butylphthalate	11.99	149	1318811	43.12	ng	#	97
74) Fluoranthene	12.65	202	3539522	116.49	ng		98
76) Benzidine	12.76	184	341070	20.88	ng		96
77) Pyrene	12.88	202	2883938	100.52	ng		99
79) Butylbenzylphthalate	13.48	149	517902	44.45	ng		87
80) Benzo(a)anthracene	14.05	228	1653334	70.51	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	255729	30.60	ng	#	95
82) Chrysene	14.10	228	1315465	59.92	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	802989	50.40	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1246068	48.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	962104	56.58	ng		95
87) Benzo(b)fluoranthene	15.09	252	1229659m	52.98	ng		
88) Benzo(k)fluoranthene	15.13	252	1010845m	50.44	ng		
89) Benzo(a)pyrene	15.45	252	1053346m	52.47	ng		
90) Dibenzo(a,h)anthracene	16.96	278	765476	47.18	ng		97
91) Benzo(g,h,i)perylene	17.38	276	830897	50.69	ng	#	91

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

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