Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095391.D
Acq On : 24 May 2017 16:19
Operator : SJ/MA
Sample : I3281-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MS

Manual Integrations APPROVED
mohammad
5/25/2017 6:00:00 PM

Quant Time: May 25 16:06:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	87097	20.00	ng		-0.01
21) Naphthalene-d8	9.77	136	397723	20.00	ng		-0.02
38) Acenaphthene-d10	12.59	164	181901	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	313412	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	190543	20.00	ng		-0.02
86) Perylene-d12	20.35	264	170575	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	495106	94.77	ng		0.00
7) Phenol-d6	7.30	99	609052	97.17	ng		-0.02
23) Nitrobenzene-d5	8.65	82	353419	56.03	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	138349	92.87	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	766633	60.66	ng		-0.02
78) Terphenyl-d14	17.32	244	582986	67.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	65244	25.47	ng		93
3) Pyridine	2.97	79	127830	21.53	ng		95
4) n-Nitrosodimethylamine	2.89	42	47833	19.33	ng		89
6) Aniline	7.27	93	185386	23.43	ng		95
8) 2-Chlorophenol	7.45	128	186346	31.34	ng		94
9) Benzaldehyde	7.10	77	53495	13.98	ng		96
10) Phenol	7.31	94	243186	36.82	ng		93
11) bis(2-Chloroethyl)ether	7.39	93	164570	30.18	ng		94
12) 1,3-Dichlorobenzene	7.65	146	201278	29.84	ng		97
13) 1,4-Dichlorobenzene	7.78	146	206404	30.17	ng		96
14) 1,2-Dichlorobenzene	8.01	146	199521	31.25	ng		97
15) Benzyl Alcohol	8.04	79	148517	36.84	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	230535	29.87	ng		94
17) 2-Methylphenol	8.25	107	158651	32.60	ng		96
18) Hexachloroethane	8.52	117	68497	29.56	ng	#	87
19) n-Nitroso-di-n-propylamine	8.45	70	134410	31.71	ng		94
20) 3+4-Methylphenols	8.52	107	203869	30.83	ng	#	56
22) Acetophenone	8.43	105	270106	28.31	ng	#	82
24) Nitrobenzene	8.68	77	189068	28.60	ng		93
25) Isophorone	9.08	82	347597	30.86	ng		96
26) 2-Nitrophenol	9.20	139	111778	31.33	ng		97
27) 2,4-Dimethylphenol	9.33	122	166898	28.94	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	230958	29.64	ng		100
29) 2,4-Dichlorophenol	9.63	162	170598	31.33	ng		98
30) 1,2,4-Trichlorobenzene	9.70	180	173896	29.81	ng		99
31) Naphthalene	9.80	128	610169	30.52	ng		99
32) Benzoic acid	9.64	122	5193	6.31	ng	#	77
33) 4-Chloroaniline	9.99	127	44159	5.93	ng		95
34) Hexachlorobutadiene	10.01	225	84579	27.47	ng		96
35) Caprolactam	10.57	113	51989m	31.79	ng		
36) 4-Chloro-3-methylphenol	10.81	107	173526	29.80	ng		91
37) 2-Methylnaphthalene	10.92	142	422982	32.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	159963	28.60	ng		98
40) Hexachlorocyclopentadiene	11.18	237	52248	26.59	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	113349	30.35	ng		97
43) 2,4,5-Trichlorophenol	11.54	196	107085	26.68	ng	#	94
45) 1,1'-Biphenyl	11.69	154	467294	30.51	ng		98
46) 2-Chloronaphthalene	11.71	162	361862	29.26	ng		96
47) 2-Nitroaniline	11.94	65	100260	29.62	ng	#	84
48) Acenaphthylene	12.37	152	572940	29.58	ng		98
49) Dimethylphthalate	12.24	163	534254	35.78	ng		99
50) 2,6-Dinitrotoluene	12.34	165	92628	30.40	ng		94
51) Acenaphthene	12.65	154	351254	30.36	ng		99
52) 3-Nitroaniline	12.63	138	62226	19.03	ng		88
53) 2,4-Dinitrophenol	12.87	184	31452	23.53	ng	#	63
54) Dibenzofuran	12.94	168	532495	33.26	ng		96
55) 4-Nitrophenol	13.04	139	93290	47.50	ng	#	82
56) 2,4-Dinitrotoluene	13.02	165	125880	32.16	ng	#	93
57) Fluorene	13.49	166	420919	30.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	84312	33.37	ng	#	91
59) Diethylphthalate	13.38	149	408289	28.53	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	179293	29.31	ng		91
61) 4-Nitroaniline	13.62	138	73450	24.47	ng		97
62) Azobenzene	13.77	77	374699	32.58	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	44726	21.29	ng	#	68
65) n-Nitrosodiphenylamine	13.72	169	349428	30.72	ng		99
66) 4-Bromophenyl-phenylether	14.30	248	98562	29.77	ng		97
67) Hexachlorobenzene	14.39	284	94953	27.98	ng	#	83
68) Atrazine	14.64	200	106219	33.07	ng		95
69) Pentachlorophenol	14.75	266	62850	43.82	ng		95
70) Phenanthrene	15.04	178	711810	39.53	ng		98
71) Anthracene	15.12	178	593151	32.25	ng		99
72) Carbazole	15.41	167	520350	31.09	ng		97
73) Di-n-butylphthalate	15.97	149	638100	30.57	ng		98
74) Fluoranthene	16.78	202	684464	37.05	ng		100
76) Benzidine	17.02	184	58588	16.40	ng	#	94
77) Pyrene	17.09	202	649347	45.57	ng		98
79) Butylbenzylphthalate	17.98	149	217688	32.84	ng		91
80) Benzo(a)anthracene	18.67	228	365476	32.96	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	61413	16.03	ng	#	94
82) Chrysene	18.71	228	346191	32.29	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	289727	30.68	ng	#	100
84) Di-n-octyl phthalate	19.49	149	421748	27.24	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	362322	41.61	ng		98
87) Benzo(b)fluoranthene	19.94	252	329355m	31.25	ng		
88) Benzo(k)fluoranthene	19.97	252	287607m	28.29	ng		
89) Benzo(a)pyrene	20.29	252	303361	31.19	ng		98
90) Dibenzo(a,h)anthracene	21.68	278	295299	36.76	ng		99
91) Benzo(g,h,i)perylene	22.06	276	285019	36.16	ng		98

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

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