Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096591.D
Acq On : 10 Jul 2017 10:45
Operator : SJ/JU
Sample : PB100484BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100484BS

Manual Integrations APPROVED
mohammad
7/11/2017 1:34:59 PM

Quant Time: Jul 11 01:44:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107654	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	453028	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	207541	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	360204	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	257259	20.00	ng		-0.02
86) Perylene-d12	15.22	264	237797	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	767656	105.25	ng		0.00
7) Phenol-d6	6.33	99	922074	102.83	ng		-0.01
23) Nitrobenzene-d5	7.25	82	551768	73.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	207493	127.99	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1036591	85.40	ng		-0.02
78) Terphenyl-d14	12.78	244	879044	73.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	103909	30.04	ng	#	76
3) Pyridine	3.09	79	278838	29.38	ng	#	57
4) n-Nitrosodimethylamine	3.02	42	164225	35.06	ng		81
6) Aniline	6.35	93	197369	17.03	ng	#	1
8) 2-Chlorophenol	6.47	128	279812	35.97	ng		99
9) Benzaldehyde	6.23	77	188812	33.65	ng		98
10) Phenol	6.35	94	337232	33.01	ng		91
11) bis(2-Chloroethyl)ether	6.42	93	266112	33.71	ng		90
12) 1,3-Dichlorobenzene	6.63	146	300499	36.85	ng		97
13) 1,4-Dichlorobenzene	6.70	146	305193	37.44	ng		97
14) 1,2-Dichlorobenzene	6.86	146	281048	37.55	ng		97
15) Benzyl Alcohol	6.83	79	227661	37.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	577359	35.97	ng		92
17) 2-Methylphenol	6.95	107	231105	37.28	ng		97
18) Hexachloroethane	7.20	117	110639	37.44	ng	#	81
19) n-Nitroso-di-n-propylamine	7.10	70	185442	34.71	ng	#	82
20) 3+4-Methylphenols	7.10	107	279643	40.45	ng	#	77
22) Acetophenone	7.09	105	374375	37.82	ng	#	100
24) Nitrobenzene	7.27	77	280175	35.42	ng		89
25) Isophorone	7.51	82	511236	34.97	ng		95
26) 2-Nitrophenol	7.59	139	161075	38.48	ng		90
27) 2,4-Dimethylphenol	7.63	122	263749	37.00	ng		94
28) bis(2-Chloroethoxy)methane	7.72	93	348615	36.13	ng		100
29) 2,4-Dichlorophenol	7.83	162	243295	39.56	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	228781	39.44	ng		98
31) Naphthalene	7.99	128	825606	38.60	ng		100
32) Benzoic acid	7.76	122	184730	30.86	ng		95
33) 4-Chloroaniline	8.04	127	115071	12.95	ng		94
34) Hexachlorobutadiene	8.12	225	117444	39.47	ng		98
35) Caprolactam	8.41	113	83890m	39.56	ng		
36) 4-Chloro-3-methylphenol	8.53	107	254576	37.41	ng		86
37) 2-Methylnaphthalene	8.68	142	568771	41.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	192473	35.72	ng		99
40) Hexachlorocyclopentadiene	8.84	237	219612	83.81	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	158704	37.23	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	161577	38.33	ng		95
45) 1,1'-Biphenyl	9.15	154	631310	35.50	ng		98
46) 2-Chloronaphthalene	9.17	162	493815	37.26	ng		94
47) 2-Nitroaniline	9.26	65	176549	36.61	ng		91
48) Acenaphthylene	9.58	152	797948	38.00	ng		99
49) Dimethylphthalate	9.45	163	599004	38.66	ng		98
50) 2,6-Dinitrotoluene	9.50	165	132749	38.75	ng	#	85
51) Acenaphthene	9.75	154	462511	35.73	ng		99
52) 3-Nitroaniline	9.67	138	77733	18.19	ng		85
53) 2,4-Dinitrophenol	9.78	184	129738	71.30	ng	#	77
54) Dibenzofuran	9.93	168	695714	40.71	ng		98
55) 4-Nitrophenol	9.85	139	243310	68.70	ng	#	70
56) 2,4-Dinitrotoluene	9.91	165	178908	41.24	ng	#	80
57) Fluorene	10.27	166	510216	42.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	128998	44.23	ng	#	99
59) Diethylphthalate	10.15	149	588600	40.19	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	214811	40.91	ng		98
61) 4-Nitroaniline	10.28	138	144344	37.15	ng		91
62) Azobenzene	10.42	77	557064	39.34	ng		91
64) 4,6-Dinitro-2-methylphenol	10.32	198	90102	36.27	ng		90
65) n-Nitrosodiphenylamine	10.38	169	487084	38.54	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	140456	40.06	ng		98
67) Hexachlorobenzene	10.82	284	148277	38.63	ng	#	89
68) Atrazine	10.91	200	143299	39.69	ng		97
69) Pentachlorophenol	11.01	266	155107	68.18	ng		98
70) Phenanthrene	11.22	178	765914	39.33	ng		99
71) Anthracene	11.27	178	795401	40.09	ng		98
72) Carbazole	11.43	167	755697	37.87	ng		99
73) Di-n-butylphthalate	11.77	149	933503	38.62	ng		98
74) Fluoranthene	12.40	202	796573	41.73	ng		98
76) Benzidine	12.52	184	265998	21.55	ng	#	93
77) Pyrene	12.63	202	815227	39.48	ng		99
79) Butylbenzylphthalate	13.26	149	419858	40.17	ng	#	82
80) Benzo(a)anthracene	13.82	228	612005	41.08	ng		98
81) 3,3'-Dichlorobenzidine	13.78	252	162928	26.63	ng	#	95
82) Chrysene	13.85	228	619447	39.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	474110	40.63	ng		99
84) Di-n-octyl phthalate	14.43	149	921866	40.12	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	535444	43.48	ng		98
87) Benzo(b)fluoranthene	14.83	252	597850	40.12	ng		97
88) Benzo(k)fluoranthene	14.86	252	482092	36.17	ng		97
89) Benzo(a)pyrene	15.16	252	529147	39.78	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	430729	41.16	ng		95
91) Benzo(g,h,i)perylene	16.97	276	468797	43.23	ng		100

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

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