Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096872.D
Acq On : 19 Jul 2017 16:15
Operator : SJ/JU
Sample : PB100755BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100755BS

Manual Integrations APPROVED
Sohil
7/20/2017 5:09:15 PM

Quant Time: Jul 20 07:33:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	98720	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	359651	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	164110	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	288853	20.00	ng		0.00
75) Chrysene-d12	13.72	240	179506	20.00	ng		-0.01
86) Perylene-d12	15.09	264	157171	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	788997	120.17	ng		0.00
7) Phenol-d6	6.25	99	1031490	130.92	ng		0.00
23) Nitrobenzene-d5	7.16	82	530866	91.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	200181	142.90	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	993463	95.64	ng		-0.01
78) Terphenyl-d14	12.68	244	825969	79.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	123977	36.697	ng	#	74
3) Pyridine	2.90	79	301043	42.400	ng	#	59
4) n-Nitrosodimethylamine	2.85	42	195263	49.178	ng		82
6) Aniline	6.25	93	312101	32.158	ng	#	34
8) 2-Chlorophenol	6.38	128	319334	45.084	ng		99
9) Benzaldehyde	6.13	77	114007	25.035	ng		99
10) Phenol	6.26	94	385572	43.289	ng		84
11) bis(2-Chloroethyl)ether	6.33	93	306402	45.746	ng		90
12) 1,3-Dichlorobenzene	6.53	146	335708	44.588	ng		99
13) 1,4-Dichlorobenzene	6.60	146	335482	43.999	ng		95
14) 1,2-Dichlorobenzene	6.76	146	270792	39.047	ng		99
15) Benzyl Alcohol	6.74	79	217288	42.124	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	505266	36.553	ng		96
17) 2-Methylphenol	6.86	107	217352	39.461	ng		96
18) Hexachloroethane	7.10	117	104080	38.496	ng	#	80
19) n-Nitroso-di-n-propylamine	7.02	70	183031	38.559	ng		89
20) 3+4-Methylphenols	7.02	107	279431	41.807	ng	#	67
22) Acetophenone	7.00	105	370637	46.109	ng	#	97
24) Nitrobenzene	7.17	77	266517	44.381	ng		90
25) Isophorone	7.42	82	483746	44.785	ng		95
26) 2-Nitrophenol	7.49	139	154145	46.164	ng		94
27) 2,4-Dimethylphenol	7.55	122	252806	46.021	ng		95
28) bis(2-Chloroethoxy)methane	7.63	93	324276	44.428	ng		98
29) 2,4-Dichlorophenol	7.74	162	231278	46.512	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	216725	45.841	ng		98
31) Naphthalene	7.89	128	789396	46.333	ng		99
32) Benzoic acid	7.69	122	166523	47.429	ng		92
33) 4-Chloroaniline	7.95	127	197856	29.311	ng		97
34) Hexachlorobutadiene	8.02	225	110892	43.938	ng		95
35) Caprolactam	8.33	113	79516m	49.908	ng		
36) 4-Chloro-3-methylphenol	8.45	107	246600	46.123	ng		89
37) 2-Methylnaphthalene	8.59	142	544051	50.088	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	190560	42.955	ng		99
40) Hexachlorocyclopentadiene	8.75	237	169352	100.160	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	145920	44.592	ng		94
43) 2,4,5-Trichlorophenol	8.92	196	151664	45.955	ng		93
45) 1,1'-Biphenyl	9.05	154	606226	43.072	ng		99
46) 2-Chloronaphthalene	9.07	162	474753	45.808	ng		94
47) 2-Nitroaniline	9.17	65	170337	47.814	ng		97
48) Acenaphthylene	9.49	152	756569	45.816	ng		98
49) Dimethylphthalate	9.36	163	573993	46.451	ng		99
50) 2,6-Dinitrotoluene	9.42	165	126701	47.338	ng	#	85
51) Acenaphthene	9.66	154	436287	44.724	ng		98
52) 3-Nitroaniline	9.58	138	98588	31.093	ng		90
53) 2,4-Dinitrophenol	9.70	184	118102	88.348	ng	#	71
54) Dibenzofuran	9.83	168	647857	47.392	ng		99
55) 4-Nitrophenol	9.76	139	192724	83.198	ng	#	61
56) 2,4-Dinitrotoluene	9.82	165	163096	47.421	ng	#	73
57) Fluorene	10.17	166	489635	48.471	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	117710	51.428	ng		99
59) Diethylphthalate	10.06	149	542807	45.123	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	202766	49.950	ng		97
61) 4-Nitroaniline	10.19	138	145855	48.986	ng		90
62) Azobenzene	10.32	77	515076	48.536	ng		92
64) 4,6-Dinitro-2-methylphenol	10.23	198	84890	46.808	ng	#	77
65) n-Nitrosodiphenylamine	10.29	169	456697	44.231	ng		98
66) 4-Bromophenyl-phenylether	10.65	248	133539	45.282	ng		95
67) Hexachlorobenzene	10.72	284	143990	43.838	ng	#	88
68) Atrazine	10.82	200	134725	45.798	ng		95
69) Pentachlorophenol	10.92	266	131939	83.150	ng		98
70) Phenanthrene	11.12	178	730667	46.522	ng		99
71) Anthracene	11.17	178	750762	47.278	ng		99
72) Carbazole	11.33	167	713161	46.376	ng		99
73) Di-n-butylphthalate	11.67	149	863606	45.093	ng		99
74) Fluoranthene	12.30	202	730301	48.579	ng		99
76) Benzidine	12.43	184	320319m	54.470	ng		
77) Pyrene	12.53	202	742711	45.590	ng		100
79) Butylbenzylphthalate	13.16	149	353923	45.724	ng	#	83
80) Benzo(a)anthracene	13.71	228	540906	48.362	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	119082	29.608	ng	#	95
82) Chrysene	13.75	228	513361	46.624	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	437781	46.442	ng		100
84) Di-n-octyl phthalate	14.33	149	724921	46.523	ng		95
85) Indeno(1,2,3-cd)pyrene	16.38	276	440576	42.536	ng		99
87) Benzo(b)fluoranthene	14.72	252	426923	45.038	ng		97
88) Benzo(k)fluoranthene	14.74	252	417900m	46.556	ng		
89) Benzo(a)pyrene	15.04	252	405854	46.681	ng		99
90) Dibenzo(a,h)anthracene	16.39	278	356006	44.501	ng		99
91) Benzo(g,h,i)perylene	16.76	276	384996	44.941	ng		98

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

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