Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096783.D
Acq On : 14 Jul 2017 20:38
Operator : SJ/JU
Sample : PB100646BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100646BS

Manual Integrations APPROVED
mohammad
7/17/2017 3:56:55 PM

Quant Time: Jul 17 04:09:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	111997	20.00	ng		-0.01
21) Naphthalene-d8	7.91	136	477326	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	181287	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	318021	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	217076	20.00	ng		-0.01
86) Perylene-d12	15.14	264	185287	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	608564	81.70	ng		0.00
7) Phenol-d6	6.27	99	728095	81.45	ng		-0.01
23) Nitrobenzene-d5	7.19	82	629705	81.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.45	330	142177	91.88	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	1084958	94.55	ng		-0.01
78) Terphenyl-d14	12.72	244	831278	66.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	109597	28.595	ng	#	78
3) Pyridine	2.96	79	283586	35.207	ng	#	61
4) n-Nitrosodimethylamine	2.91	42	170276	37.801	ng		82
6) Aniline	6.29	93	273195	24.812	ng	#	4
8) 2-Chlorophenol	6.41	128	323387	40.244	ng		95
9) Benzaldehyde	6.17	77	157644	30.513	ng		97
10) Phenol	6.29	94	386515	38.251	ng		79
11) bis(2-Chloroethyl)ether	6.36	93	304447	40.066	ng		89
12) 1,3-Dichlorobenzene	6.56	146	335843	39.318	ng		96
13) 1,4-Dichlorobenzene	6.64	146	339424m	39.239	ng		
14) 1,2-Dichlorobenzene	6.80	146	304196	38.663	ng		97
15) Benzyl Alcohol	6.77	79	253290	43.282	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	659001	42.023	ng		91
17) 2-Methylphenol	6.89	107	259411	41.514	ng		98
18) Hexachloroethane	7.14	117	125347	40.866	ng	#	85
19) n-Nitroso-di-n-propylamine	7.05	70	207708	38.571	ng	#	85
20) 3+4-Methylphenols	7.05	107	305879	40.339	ng	#	82
22) Acetophenone	7.04	105	416128	39.006	ng	#	95
24) Nitrobenzene	7.21	77	315450	39.580	ng		91
25) Isophorone	7.45	82	507396	35.394	ng		96
26) 2-Nitrophenol	7.53	139	172036	38.820	ng		90
27) 2,4-Dimethylphenol	7.57	122	287248	39.400	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	384700	39.713	ng		98
29) 2,4-Dichlorophenol	7.77	162	263065	39.862	ng		96
30) 1,2,4-Trichlorobenzene	7.85	180	248772	39.647	ng		96
31) Naphthalene	7.93	128	915217	40.475	ng		100
32) Benzoic acid	7.71	122	204487	43.884	ng		93
33) 4-Chloroaniline	7.98	127	132974	14.843	ng		96
34) Hexachlorobutadiene	8.05	225	114183	34.088	ng		97
35) Caprolactam	8.35	113	83428m	39.454	ng		
36) 4-Chloro-3-methylphenol	8.47	107	259531	36.574	ng		90
37) 2-Methylnaphthalene	8.62	142	613694	42.571	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	208232	42.491	ng		99
40) Hexachlorocyclopentadiene	8.78	237	184918	99.061	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	166716	46.120	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	171544	47.054	ng		97
45) 1,1'-Biphenyl	9.09	154	683275	43.946	ng		98
46) 2-Chloronaphthalene	9.11	162	535770	46.797	ng		96
47) 2-Nitroaniline	9.20	65	188950	48.013	ng		95
48) Acenaphthylene	9.52	152	842201	46.169	ng		99
49) Dimethylphthalate	9.39	163	634018	46.447	ng		99
50) 2,6-Dinitrotoluene	9.45	165	141907	47.996	ng	#	91
51) Acenaphthene	9.69	154	433020	40.183	ng		100
52) 3-Nitroaniline	9.61	138	77142	22.024	ng		91
53) 2,4-Dinitrophenol	9.73	184	127477	86.480	ng	#	78
54) Dibenzofuran	9.86	168	650026	43.046	ng		97
55) 4-Nitrophenol	9.79	139	214299	83.746	ng	#	70
56) 2,4-Dinitrotoluene	9.86	165	162306	42.720	ng	#	80
57) Fluorene	10.20	166	483391	43.319	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	120037	47.476	ng		98
59) Diethylphthalate	10.09	149	543448	40.896	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	200409	42.796	ng		96
61) 4-Nitroaniline	10.23	138	144850	44.039	ng		93
62) Azobenzene	10.36	77	511247	43.610	ng		93
64) 4,6-Dinitro-2-methylphenol	10.26	198	88879	44.513	ng		84
65) n-Nitrosodiphenylamine	10.32	169	454193	39.954	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	133376	41.078	ng		98
67) Hexachlorobenzene	10.76	284	142385	39.374	ng	#	94
68) Atrazine	10.85	200	138126	42.648	ng		94
69) Pentachlorophenol	10.95	266	141478	80.984	ng		97
70) Phenanthrene	11.16	178	725650	41.965	ng		99
71) Anthracene	11.21	178	757258	43.313	ng		98
72) Carbazole	11.37	167	724805	42.810	ng		98
73) Di-n-butylphthalate	11.71	149	860600	40.815	ng		99
74) Fluoranthene	12.34	202	744944	45.008	ng		99
76) Benzidine	12.46	184	257199m	36.167	ng		
77) Pyrene	12.57	202	771022	39.137	ng		99
79) Butylbenzylphthalate	13.20	149	363883	77.749	ng	#	80
80) Benzo(a)anthracene	13.76	228	579518	42.846	ng		99
81) 3,3'-Dichlorobenzidine	13.72	252	112829	23.198	ng	#	94
82) Chrysene	13.79	228	557166	41.844	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	440674	38.658	ng		99
84) Di-n-octyl phthalate	14.37	149	768348	40.776	ng		96
85) Indeno(1,2,3-cd)pyrene	16.44	276	444713	36.367	ng		99
87) Benzo(b)fluoranthene	14.76	252	473696	42.389	ng		98
88) Benzo(k)fluoranthene	14.79	252	443084m	41.871	ng		
89) Benzo(a)pyrene	15.09	252	431780	42.127	ng		98
90) Dibenzo(a,h)anthracene	16.46	278	364856	38.687	ng		98
91) Benzo(g,h,i)perylene	16.84	276	384352	38.058	ng		96

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

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