Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104225.D
Acq On : 4 Apr 2018 15:16
Operator : JU/SJ
Sample : PB107885BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Manual Integrations APPROVED
Sohil
4/5/2018 4:38:44 PM

Quant Time: Apr 04 18:17:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	112813	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	482564	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	233675	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	437332	20.00	ng		0.00
75) Chrysene-d12	14.14	240	364543	20.00	ng		0.00
86) Perylene-d12	15.69	264	300025	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	807881	114.20	ng		0.00
7) Phenol-d6	6.60	99	965589	110.95	ng		0.00
23) Nitrobenzene-d5	7.52	82	602986	76.42	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	295105	113.42	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1168853	78.88	ng		0.00
78) Terphenyl-d14	13.07	244	1270002	80.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	96395	31.595	ng	#	85
3) Pyridine	3.69	79	241756m	31.300	ng		
4) n-Nitrosodimethylamine	3.65	42	81320m	35.421	ng		
6) Aniline	6.63	93	162304	15.578	ng	#	60
8) 2-Chlorophenol	6.75	128	305945	39.427	ng		96
9) Benzaldehyde	6.51	77	76090	13.657	ng		92
10) Phenol	6.62	94	366159	37.971	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	238347	28.683	ng		94
12) 1,3-Dichlorobenzene	6.89	146	296600	34.003	ng		98
13) 1,4-Dichlorobenzene	6.97	146	332307	35.554	ng		98
14) 1,2-Dichlorobenzene	7.12	146	302920	36.058	ng		99
15) Benzyl Alcohol	7.10	79	207825	36.727	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	329638	36.412	ng	#	31
17) 2-Methylphenol	7.21	107	231115	36.594	ng	#	81
18) Hexachloroethane	7.45	117	114429	36.567	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	197278	38.195	ng	#	89
20) 3+4-Methylphenols	7.37	107	299761	37.189	ng	#	72
22) Acetophenone	7.36	105	424701	36.375	ng		97
24) Nitrobenzene	7.54	77	279392	33.652	ng		97
25) Isophorone	7.76	82	571669	39.312	ng		98
26) 2-Nitrophenol	7.85	139	161914	37.361	ng		94
27) 2,4-Dimethylphenol	7.89	122	255488	40.877	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	355923	39.052	ng		100
29) 2,4-Dichlorophenol	8.10	162	256700	39.321	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	260990	35.235	ng		99
31) Naphthalene	8.25	128	886259	37.593	ng		99
32) Benzoic acid	8.03	122	161498	35.272	ng		91
33) 4-Chloroaniline	8.32	127	77357	7.783	ng	#	92
34) Hexachlorobutadiene	8.36	225	140565	34.873	ng		100
35) Caprolactam	8.69	113	90187m	43.568	ng		
36) 4-Chloro-3-methylphenol	8.80	107	274504	39.754	ng		96
37) 2-Methylnaphthalene	8.95	142	577893	37.214	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	257864	35.986	ng		99
40) Hexachlorocyclopentadiene	9.09	237	187473	57.226	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	164328	36.216	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	185840	33.921	ng		95
45) 1,1'-Biphenyl	9.41	154	714170	35.609	ng		98
46) 2-Chloronaphthalene	9.44	162	560847	35.452	ng		98
47) 2-Nitroaniline	9.55	65	161733	35.852	ng		91
48) Acenaphthylene	9.86	152	830928	34.670	ng		99
49) Dimethylphthalate	9.71	163	652642	35.375	ng		99
50) 2,6-Dinitrotoluene	9.78	165	147191	37.083	ng		97
51) Acenaphthene	10.03	154	482190	34.778	ng		99
52) 3-Nitroaniline	9.97	138	82905	18.170	ng		98
53) 2,4-Dinitrophenol	10.07	184	103509	61.146	ng	#	26
54) Dibenzofuran	10.20	168	728808	35.996	ng		96
55) 4-Nitrophenol	10.15	139	145104	53.038	ng		94
56) 2,4-Dinitrotoluene	10.19	165	187600	37.039	ng	#	96
57) Fluorene	10.55	166	607845	36.395	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	169904	41.393	ng	#	86
59) Diethylphthalate	10.40	149	655416	37.083	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	290502	37.872	ng		97
61) 4-Nitroaniline	10.60	138	144044	33.739	ng		91
62) Azobenzene	10.69	77	593238	37.120	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	86019	32.493	ng		85
65) n-Nitrosodiphenylamine	10.66	169	535205	36.136	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	173093	36.995	ng		91
67) Hexachlorobenzene	11.09	284	192170	35.705	ng	#	86
68) Atrazine	11.18	200	174795	38.523	ng		99
69) Pentachlorophenol	11.29	266	180011	60.781	ng		98
70) Phenanthrene	11.52	178	850823	35.934	ng		99
71) Anthracene	11.57	178	983557	39.768	ng		99
72) Carbazole	11.73	167	874800	37.060	ng		99
73) Di-n-butylphthalate	12.03	149	1015274	36.109	ng		99
74) Fluoranthene	12.70	202	943426	37.485	ng		100
76) Benzidine	12.84	184	89970	8.660	ng		99
77) Pyrene	12.94	202	938573	35.816	ng		99
79) Butylbenzylphthalate	13.53	149	447350	36.234	ng		99
80) Benzo(a)anthracene	14.13	228	803624	35.231	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	168266	22.286	ng		98
82) Chrysene	14.17	228	847255	37.923	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	596306	37.381	ng		99
84) Di-n-octyl phthalate	14.71	149	986292	35.943	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	593188	25.622	ng		97
87) Benzo(b)fluoranthene	15.23	252	704217	38.568	ng		99
88) Benzo(k)fluoranthene	15.26	252	742516	43.169	ng		98
89) Benzo(a)pyrene	15.62	252	658116	38.894	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	494072	31.582	ng		98
91) Benzo(g,h,i)perylene	17.76	276	485658	30.994	ng		96

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

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