Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104335.D
Acq On : 7 Apr 2018 4:34
Operator : JU/SJ
Sample : PB108048BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108048BSD

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:56 AM

Quant Time: Apr 07 05:32:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139144	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	560225	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	254195	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	391640	20.00	ng		0.00
75) Chrysene-d12	13.97	240	257919	20.00	ng		0.00
86) Perylene-d12	15.43	264	241890	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	802930	88.23	ng		0.02
7) Phenol-d6	6.43	99	1005092	89.89	ng		0.00
23) Nitrobenzene-d5	7.37	82	857931	100.00	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	219523	83.25	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1475961	91.73	ng		0.00
78) Terphenyl-d14	12.92	244	1024955	90.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	158594	37.402	ng		91
3) Pyridine	3.34	79	459553	38.548	ng		88
4) n-Nitrosodimethylamine	3.30	42	183484	44.029	ng		80
6) Aniline	6.47	93	344552	22.181	ng		96
8) 2-Chlorophenol	6.59	128	421898	43.926	ng		94
9) Benzaldehyde	6.35	77	106302	14.988	ng		99
10) Phenol	6.45	94	526340	44.367	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	402364	42.501	ng		95
12) 1,3-Dichlorobenzene	6.75	146	436885	40.151	ng		99
13) 1,4-Dichlorobenzene	6.82	146	442656	40.810	ng		99
14) 1,2-Dichlorobenzene	6.97	146	407545	40.545	ng		98
15) Benzyl Alcohol	6.95	79	351304	41.368	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	518340	40.770	ng		93
17) 2-Methylphenol	7.06	107	354306	42.437	ng		97
18) Hexachloroethane	7.32	117	151516	39.179	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	282179	38.621	ng		90
20) 3+4-Methylphenols	7.21	107	409859	39.582	ng	#	80
22) Acetophenone	7.22	105	552821	40.081	ng		95
24) Nitrobenzene	7.39	77	422097	44.561	ng		98
25) Isophorone	7.63	82	797367	43.950	ng		98
26) 2-Nitrophenol	7.70	139	210731	54.647	ng		98
27) 2,4-Dimethylphenol	7.74	122	395772	49.429	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	501931	45.249	ng		99
29) 2,4-Dichlorophenol	7.95	162	339804	44.478	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	344834	41.128	ng		99
31) Naphthalene	8.11	128	1170000	41.941	ng		99
32) Benzoic acid	7.87	122	272957	42.726	ng		97
33) 4-Chloroaniline	8.16	127	164317	13.749	ng		97
34) Hexachlorobutadiene	8.23	225	185136	40.313	ng		99
35) Caprolactam	8.53	113	113691m	42.659	ng		
36) 4-Chloro-3-methylphenol	8.64	107	361413	44.119	ng		99
37) 2-Methylnaphthalene	8.80	142	760375	42.139	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	318079	43.713	ng		99
40) Hexachlorocyclopentadiene	8.95	237	134336	32.977	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	232719	46.072	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	234751	41.530	ng		96
45) 1,1'-Biphenyl	9.27	154	889488	41.654	ng		100
46) 2-Chloronaphthalene	9.29	162	692618	41.063	ng		100
47) 2-Nitroaniline	9.39	65	211828	50.783	ng		95
48) Acenaphthylene	9.71	152	1058121	39.984	ng		100
49) Dimethylphthalate	9.57	163	827046	41.259	ng		100
50) 2,6-Dinitrotoluene	9.63	165	181786	49.010	ng		95
51) Acenaphthene	9.88	154	654275	40.521	ng		99
52) 3-Nitroaniline	9.80	138	109342	25.181	ng		100
53) 2,4-Dinitrophenol	9.90	184	63096	50.537	ng	#	18
54) Dibenzofuran	10.05	168	929275	41.298	ng		97
55) 4-Nitrophenol	9.96	139	304613	89.303	ng		100
56) 2,4-Dinitrotoluene	10.03	165	233840	48.062	ng		98
57) Fluorene	10.40	166	667489	40.754	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	180351	42.767	ng		96
59) Diethylphthalate	10.27	149	809397	40.543	ng		100
60) 4-Chlorophenyl-phenylether	10.39	204	308054	42.233	ng		98
61) 4-Nitroaniline	10.42	138	155056	36.520	ng		97
62) Azobenzene	10.55	77	751729	39.413	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	47076	28.250	ng		79
65) n-Nitrosodiphenylamine	10.51	169	636598	46.881	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	197827	47.488	ng		91
67) Hexachlorobenzene	10.94	284	202222	43.142	ng		95
68) Atrazine	11.04	200	197462	48.175	ng		99
69) Pentachlorophenol	11.13	266	206211	71.111	ng		98
70) Phenanthrene	11.36	178	912907	41.857	ng		99
71) Anthracene	11.41	178	927189	41.821	ng		100
72) Carbazole	11.56	167	849730	39.223	ng		100
73) Di-n-butylphthalate	11.90	149	1161845	43.903	ng		99
74) Fluoranthene	12.55	202	805306	35.340	ng		99
76) Benzidine	12.67	184	440832	56.203	ng		98
77) Pyrene	12.77	202	788606	41.250	ng		99
79) Butylbenzylphthalate	13.40	149	393250	43.662	ng		98
80) Benzo(a)anthracene	13.96	228	652558	42.351	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	242794	42.261	ng		99
82) Chrysene	14.00	228	658786	41.625	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	502877	43.408	ng		99
84) Di-n-octyl phthalate	14.57	149	882627	45.597	ng		96
85) Indeno(1,2,3-cd)pyrene	16.87	276	554853	41.270	ng		98
87) Benzo(b)fluoranthene	15.01	252	670302	43.876	ng		99
88) Benzo(k)fluoranthene	15.04	252	653365	45.300	ng		99
89) Benzo(a)pyrene	15.37	252	613445	44.877	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	476338	42.429	ng		99
91) Benzo(g,h,i)perylene	17.30	276	432224	39.738	ng		98

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

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