Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105077.D
Acq On : 3 May 2018 17:21
Operator : JU/SJ
Sample : PB108756BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Manual Integrations APPROVED
Sohil
5/4/2018 10:51:34 AM

Quant Time: May 04 02:23:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	91218	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	402132	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	199386	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	379278	20.00	ng		0.00
75) Chrysene-d12	14.03	240	283178	20.00	ng		0.00
86) Perylene-d12	15.60	264	229953	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	841038	140.98	ng		0.01
7) Phenol-d6	6.45	99	982200	134.00	ng		0.00
23) Nitrobenzene-d5	7.36	82	613235	99.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	303495	146.74	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1208301	95.73	ng		-0.01
78) Terphenyl-d14	12.91	244	1303969	104.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	96896	34.858	ng	#	86
3) Pyridine	3.30	79	256071	32.765	ng		85
4) n-Nitrosodimethylamine	3.26	42	101111	37.010	ng	#	76
6) Aniline	6.46	93	190567	18.713	ng	#	1
8) 2-Chlorophenol	6.57	128	309777	49.198	ng		94
9) Benzaldehyde	6.33	77	169671	49.581	ng		96
10) Phenol	6.46	94	359450	46.218	ng		86
11) bis(2-Chloroethyl)ether	6.52	93	288702	46.518	ng		93
12) 1,3-Dichlorobenzene	6.72	146	318271	44.618	ng		98
13) 1,4-Dichlorobenzene	6.80	146	329266	46.306	ng		100
14) 1,2-Dichlorobenzene	6.95	146	299299	45.421	ng		98
15) Benzyl Alcohol	6.94	79	231303	41.547	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	311191	37.337	ng	#	1
17) 2-Methylphenol	7.06	107	252523	46.137	ng	#	86
18) Hexachloroethane	7.28	117	118696	46.818	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	202438	42.265	ng		90
20) 3+4-Methylphenols	7.22	107	345055	50.832	ng		97
22) Acetophenone	7.20	105	428450	43.277	ng	#	93
24) Nitrobenzene	7.37	77	311822	45.861	ng		96
25) Isophorone	7.61	82	579719	44.516	ng		99
26) 2-Nitrophenol	7.69	139	177324	64.062	ng		96
27) 2,4-Dimethylphenol	7.73	122	280534	48.811	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	371774	46.692	ng		99
29) 2,4-Dichlorophenol	7.94	162	281405	51.315	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	272224	45.233	ng		99
31) Naphthalene	8.09	128	895769	44.735	ng		99
32) Benzoic acid	7.90	122	199420	43.487	ng		97
33) 4-Chloroaniline	8.16	127	48096	5.606	ng	#	93
34) Hexachlorobutadiene	8.19	225	151936	46.091	ng		99
35) Caprolactam	8.53	113	87021m	45.488	ng		
36) 4-Chloro-3-methylphenol	8.65	107	298018	50.682	ng		99
37) 2-Methylnaphthalene	8.78	142	608605	46.987	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	268377	47.021	ng		99
40) Hexachlorocyclopentadiene	8.93	237	223376	69.908	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	190407	48.057	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	198298	44.725	ng		96
45) 1,1'-Biphenyl	9.25	154	741750	44.284	ng		99
46) 2-Chloronaphthalene	9.27	162	588372	44.472	ng		99
47) 2-Nitroaniline	9.39	65	166957	51.029	ng		85
48) Acenaphthylene	9.69	152	861518	41.503	ng		100
49) Dimethylphthalate	9.55	163	746140	47.455	ng		100
50) 2,6-Dinitrotoluene	9.62	165	163212	56.098	ng		99
51) Acenaphthene	9.86	154	521495	41.176	ng		99
52) 3-Nitroaniline	9.80	138	54478	15.995	ng		99
53) 2,4-Dinitrophenol	9.92	184	166501	114.802	ng	#	20
54) Dibenzofuran	10.03	168	753376	42.684	ng		96
55) 4-Nitrophenol	9.99	139	183628	68.632	ng		96
56) 2,4-Dinitrotoluene	10.03	165	197698	51.804	ng	#	88
57) Fluorene	10.37	166	646466	50.320	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	170047	51.408	ng		93
59) Diethylphthalate	10.25	149	718456	45.881	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	302655	52.899	ng		99
61) 4-Nitroaniline	10.43	138	157855	47.399	ng		94
62) Azobenzene	10.53	77	626624	41.885	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	114413	59.806	ng		79
65) n-Nitrosodiphenylamine	10.49	169	577794	43.937	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	190002	47.097	ng		91
67) Hexachlorobenzene	10.92	284	210173	46.299	ng		96
68) Atrazine	11.02	200	174019	43.840	ng		98
69) Pentachlorophenol	11.13	266	191781	68.290	ng		98
70) Phenanthrene	11.35	178	936301	44.329	ng		98
71) Anthracene	11.40	178	970238	45.189	ng		99
72) Carbazole	11.56	167	891461	42.490	ng		99
73) Di-n-butylphthalate	11.87	149	1151371	44.925	ng		99
74) Fluoranthene	12.54	202	980572	44.434	ng		96
76) Benzidine	12.67	184	198058	16.516	ng		97
77) Pyrene	12.77	202	974855	46.443	ng		100
79) Butylbenzylphthalate	13.40	149	472356	47.767	ng		98
80) Benzo(a)anthracene	14.02	228	838771	49.580	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	110056	17.448	ng		97
82) Chrysene	14.06	228	803522	46.241	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	654081	51.424	ng		98
84) Di-n-octyl phthalate	14.69	149	1045872	49.210	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.10	276	628092	42.550	ng		95
87) Benzo(b)fluoranthene	15.17	252	686512	47.269	ng		98
88) Benzo(k)fluoranthene	15.20	252	697695	50.884	ng		99
89) Benzo(a)pyrene	15.54	252	636652	48.993	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	523172	49.020	ng		96
91) Benzo(g,h,i)perylene	17.54	276	520781	50.365	ng		95

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

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