Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104274.D
Acq On : 5 Apr 2018 17:29
Operator : JU/SJ
Sample : PB107931BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107931BSD

Manual Integrations APPROVED
Sohil
4/6/2018 11:57:50 AM

Quant Time: Apr 06 01:21:11 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	110764	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	478876	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	233085	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	444727	20.00	ng		0.00
75) Chrysene-d12	14.14	240	370157	20.00	ng		0.00
86) Perylene-d12	15.67	264	339872	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	525921	75.72	ng		0.00
7) Phenol-d6	6.59	99	685438	80.21	ng		-0.02
23) Nitrobenzene-d5	7.52	82	634828	81.07	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	219549	84.59	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1263084	85.45	ng		0.00
78) Terphenyl-d14	13.06	244	1285317	80.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	93408	31.182	ng	#	83
3) Pyridine	3.68	79	166095	21.902	ng	#	84
4) n-Nitrosodimethylamine	3.67	42	36885m	16.363	ng		
6) Aniline	6.63	93	154589	15.112	ng	#	69
8) 2-Chlorophenol	6.73	128	314760	41.313	ng		97
9) Benzaldehyde	6.55	77	18793	2.843	ng		97
10) Phenol	6.60	94	408753	43.172	ng		94
11) bis(2-Chloroethyl)ether	6.68	93	350098	42.911	ng		88
12) 1,3-Dichlorobenzene	6.89	146	292717	34.179	ng		97
13) 1,4-Dichlorobenzene	6.96	146	357326	38.938	ng		98
14) 1,2-Dichlorobenzene	7.11	146	328068	39.774	ng		99
15) Benzyl Alcohol	7.10	79	185314m	33.355	ng		
16) 2,2'-oxybis(1-Chloropropan	7.21	45	344703	38.781	ng	#	45
17) 2-Methylphenol	7.20	107	237992	38.380	ng	#	73
18) Hexachloroethane	7.45	117	118220	38.477	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	210225	41.455	ng		89
20) 3+4-Methylphenols	7.36	107	285325	36.053	ng	#	51
22) Acetophenone	7.36	105	434484	37.500	ng	#	99
24) Nitrobenzene	7.53	77	261002	31.679	ng		99
25) Isophorone	7.76	82	590739	40.936	ng		99
26) 2-Nitrophenol	7.85	139	171445	39.865	ng		90
27) 2,4-Dimethylphenol	7.88	122	268931	43.359	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	357013	39.473	ng		99
29) 2,4-Dichlorophenol	8.09	162	261659	40.389	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	271907	36.991	ng		98
31) Naphthalene	8.25	128	946305	40.449	ng		100
32) Benzoic acid	8.02	122	91045	20.038	ng	#	81
33) 4-Chloroaniline	8.33	127	102080	10.350	ng	#	90
34) Hexachlorobutadiene	8.35	225	143124	35.781	ng		99
35) Caprolactam	8.67	113	72448m	35.268	ng		
36) 4-Chloro-3-methylphenol	8.79	107	283921	41.434	ng		98
37) 2-Methylnaphthalene	8.94	142	595562	38.647	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	274725	38.436	ng		99
40) Hexachlorocyclopentadiene	9.08	237	191623	58.508	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	152970	33.798	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	191102	34.970	ng		95
45) 1,1'-Biphenyl	9.40	154	762847	38.133	ng		98
46) 2-Chloronaphthalene	9.43	162	585466	37.101	ng		98
47) 2-Nitroaniline	9.55	65	164649	36.591	ng		92
48) Acenaphthylene	9.85	152	869861	36.386	ng		99
49) Dimethylphthalate	9.70	163	676085	36.738	ng		100
50) 2,6-Dinitrotoluene	9.77	165	154133	38.930	ng		95
51) Acenaphthene	10.02	154	490817	35.490	ng		98
52) 3-Nitroaniline	9.97	138	80544	17.697	ng	#	95
53) 2,4-Dinitrophenol	10.07	184	78989	48.088	ng	#	37
54) Dibenzofuran	10.19	168	763279	37.794	ng		96
55) 4-Nitrophenol	10.15	139	117543	43.073	ng		93
56) 2,4-Dinitrotoluene	10.19	165	191190	37.844	ng	#	93
57) Fluorene	10.54	166	633160	38.007	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	183998	44.940	ng	#	87
59) Diethylphthalate	10.40	149	654035	37.098	ng		97
60) 4-Chlorophenyl-phenylether	10.52	204	294752	38.523	ng		97
61) 4-Nitroaniline	10.59	138	137163	32.209	ng		91
62) Azobenzene	10.69	77	608252	38.156	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	84330	31.326	ng		84
65) n-Nitrosodiphenylamine	10.65	169	559614	37.155	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	189219	39.769	ng		92
67) Hexachlorobenzene	11.08	284	198131	36.201	ng		92
68) Atrazine	11.17	200	176419	38.234	ng		98
69) Pentachlorophenol	11.29	266	178324	59.210	ng		97
70) Phenanthrene	11.50	178	880484	36.568	ng		99
71) Anthracene	11.56	178	1070435	42.562	ng		99
72) Carbazole	11.72	167	954635	39.770	ng		99
73) Di-n-butylphthalate	12.02	149	1069702	37.412	ng		98
74) Fluoranthene	12.70	202	1037758	40.547	ng		99
76) Benzidine	12.83	184	319634	30.301	ng		97
77) Pyrene	12.93	202	1007146	37.850	ng		99
79) Butylbenzylphthalate	13.53	149	470451	37.527	ng		97
80) Benzo(a)anthracene	14.13	228	828362	35.765	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	159776	20.841	ng		99
82) Chrysene	14.16	228	943909	41.609	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	613046	37.848	ng		100
84) Di-n-octyl phthalate	14.70	149	1058966	38.006	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.26	276	729558	31.035	ng		96
87) Benzo(b)fluoranthene	15.21	252	750673	36.292	ng		98
88) Benzo(k)fluoranthene	15.24	252	876839	45.001	ng		98
89) Benzo(a)pyrene	15.60	252	770357	40.190	ng		98
90) Dibenzo(a,h)anthracene	17.26	278	609773	34.408	ng		98
91) Benzo(g,h,i)perylene	17.73	276	580589	32.708	ng		96

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

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