Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104474.D
Acq On : 13 Apr 2018 13:21
Operator : JU/SJ
Sample : PB108213BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108213BS

Manual Integrations APPROVED
Sohil
4/16/2018 3:09:58 PM

Quant Time: Apr 13 17:47:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136831	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	570827	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	274810	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	525849	20.00	ng		0.00
75) Chrysene-d12	13.99	240	389272	20.00	ng		0.00
86) Perylene-d12	15.46	264	278190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1047530	117.06	ng		0.01
7) Phenol-d6	6.45	99	1286934	117.05	ng		0.00
23) Nitrobenzene-d5	7.38	82	821906	94.02	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	366599	128.60	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1480538	85.11	ng		0.00
78) Terphenyl-d14	12.93	244	1546165	90.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	136370	32.705	ng	#	89
3) Pyridine	3.35	79	389559	33.229	ng		87
4) n-Nitrosodimethylamine	3.30	42	166332	40.588	ng		83
6) Aniline	6.47	93	475908	31.154	ng		98
8) 2-Chlorophenol	6.60	128	402474	42.612	ng		97
9) Benzaldehyde	6.36	77	128323	19.284	ng		99
10) Phenol	6.46	94	484330	41.516	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	372853	40.050	ng		96
12) 1,3-Dichlorobenzene	6.75	146	412142	38.517	ng		98
13) 1,4-Dichlorobenzene	6.83	146	416490	39.047	ng		99
14) 1,2-Dichlorobenzene	6.98	146	388849	39.339	ng		99
15) Benzyl Alcohol	6.96	79	340407	40.762	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	475627	38.043	ng		91
17) 2-Methylphenol	7.07	107	345258	42.052	ng		97
18) Hexachloroethane	7.32	117	152587	40.123	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	267369	37.213	ng		90
20) 3+4-Methylphenols	7.22	107	394224	38.716	ng	#	72
22) Acetophenone	7.22	105	525482	37.392	ng	#	93
24) Nitrobenzene	7.40	77	418534	43.364	ng		98
25) Isophorone	7.64	82	778260	42.100	ng		99
26) 2-Nitrophenol	7.71	139	227856	57.991	ng		97
27) 2,4-Dimethylphenol	7.75	122	367918	45.097	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	493073	43.625	ng		99
29) 2,4-Dichlorophenol	7.96	162	347292	44.614	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	343625	40.223	ng		99
31) Naphthalene	8.12	128	1149346	40.436	ng		99
32) Benzoic acid	7.89	122	281265	43.208	ng		94
33) 4-Chloroaniline	8.17	127	406912	33.415	ng		96
34) Hexachlorobutadiene	8.23	225	185277	39.595	ng		99
35) Caprolactam	8.55	113	120135m	44.239	ng		
36) 4-Chloro-3-methylphenol	8.66	107	381479	45.703	ng		97
37) 2-Methylnaphthalene	8.81	142	767106	41.722	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	323833	41.165	ng		99
40) Hexachlorocyclopentadiene	8.96	237	357526	81.182	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	244978	44.860	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	264743	43.323	ng		98
45) 1,1'-Biphenyl	9.27	154	922625	39.965	ng		99
46) 2-Chloronaphthalene	9.30	162	729668	40.015	ng		99
47) 2-Nitroaniline	9.40	65	235899	52.311	ng		99
48) Acenaphthylene	9.72	152	1111132	38.837	ng		99
49) Dimethylphthalate	9.58	163	904075	41.718	ng		100
50) 2,6-Dinitrotoluene	9.65	165	203346	50.710	ng		88
51) Acenaphthene	9.89	154	648172	37.132	ng		100
52) 3-Nitroaniline	9.81	138	186224	39.669	ng		99
53) 2,4-Dinitrophenol	9.92	184	223146	112.745	ng	#	24
54) Dibenzofuran	10.06	168	973766	40.029	ng		97
55) 4-Nitrophenol	9.98	139	365111	99.009	ng		99
56) 2,4-Dinitrotoluene	10.05	165	264400	50.267	ng		97
57) Fluorene	10.40	166	765049	43.206	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	208085	45.642	ng		96
59) Diethylphthalate	10.28	149	896548	41.540	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	349099	44.270	ng		99
61) 4-Nitroaniline	10.43	138	230416	50.198	ng		99
62) Azobenzene	10.56	77	824614	39.991	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	137733	52.896	ng	#	76
65) n-Nitrosodiphenylamine	10.52	169	715753	39.257	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	232213	41.516	ng		93
67) Hexachlorobenzene	10.95	284	254166	40.384	ng		94
68) Atrazine	11.05	200	234883	42.679	ng		98
69) Pentachlorophenol	11.15	266	270213	69.399	ng		96
70) Phenanthrene	11.37	178	1140915	38.960	ng		99
71) Anthracene	11.42	178	1191715	40.034	ng		99
72) Carbazole	11.58	167	1109818	38.153	ng		100
73) Di-n-butylphthalate	11.90	149	1372382	38.623	ng		100
74) Fluoranthene	12.56	202	1203479	39.334	ng		97
76) Benzidine	12.68	184	498116	36.923	ng		97
77) Pyrene	12.79	202	1208497	41.883	ng		100
79) Butylbenzylphthalate	13.40	149	580934	42.736	ng		97
80) Benzo(a)anthracene	13.98	228	1007027	43.303	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	290444	33.496	ng		96
82) Chrysene	14.02	228	949348	39.743	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	771516	44.125	ng		99
84) Di-n-octyl phthalate	14.59	149	1156845	39.597	ng		95
85) Indeno(1,2,3-cd)pyrene	16.92	276	803695	39.607	ng		96
87) Benzo(b)fluoranthene	15.03	252	805790	45.862	ng		99
88) Benzo(k)fluoranthene	15.06	252	750547	45.247	ng		99
89) Benzo(a)pyrene	15.40	252	712789	45.341	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	669187	51.829	ng		98
91) Benzo(g,h,i)perylene	17.37	276	696656	55.692	ng		95

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

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