Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104824.D
Acq On : 26 Apr 2018 8:20
Operator : JU/SJ
Sample : PB108477BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108477BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:15:19 PM

Quant Time: Apr 26 14:19:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120931	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	487431	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	211354	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	318204	20.00	ng		0.00
75) Chrysene-d12	13.98	240	232823	20.00	ng		0.00
86) Perylene-d12	15.44	264	180590	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	852259	107.76	ng		0.01
7) Phenol-d6	6.45	99	1031246	106.12	ng		0.00
23) Nitrobenzene-d5	7.37	82	638841	85.58	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	226128	103.14	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1148244	85.82	ng		0.00
78) Terphenyl-d14	12.92	244	816465	79.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	112462	30.517	ng		89
3) Pyridine	3.33	79	318987	30.787	ng		88
4) n-Nitrosodimethylamine	3.29	42	125352	34.610	ng	#	80
6) Aniline	6.46	93	180865	13.397	ng	#	1
8) 2-Chlorophenol	6.59	128	321378	38.500	ng		90
9) Benzaldehyde	6.35	77	141499	25.490	ng		90
10) Phenol	6.46	94	374112	36.284	ng		89
11) bis(2-Chloroethyl)ether	6.54	93	290570	35.315	ng		94
12) 1,3-Dichlorobenzene	6.74	146	339978	35.950	ng		98
13) 1,4-Dichlorobenzene	6.82	146	345378	36.638	ng		99
14) 1,2-Dichlorobenzene	6.97	146	315745	36.144	ng		98
15) Benzyl Alcohol	6.95	79	258653	35.045	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	340082	30.778	ng		71
17) 2-Methylphenol	7.06	107	261563	36.047	ng	#	92
18) Hexachloroethane	7.30	117	102994	30.643	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	203979	32.123	ng		94
20) 3+4-Methylphenols	7.22	107	322178	35.800	ng	#	68
22) Acetophenone	7.21	105	426749	35.562	ng		99
24) Nitrobenzene	7.39	77	321607	39.023	ng		100
25) Isophorone	7.62	82	572799	36.287	ng		98
26) 2-Nitrophenol	7.70	139	163163	48.631	ng		93
27) 2,4-Dimethylphenol	7.75	122	276726	39.722	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	374094	38.761	ng		99
29) 2,4-Dichlorophenol	7.95	162	255180	38.390	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	268436	36.798	ng		99
31) Naphthalene	8.11	128	893577	36.816	ng		99
32) Benzoic acid	7.87	122	122274	21.998	ng		98
33) 4-Chloroaniline	8.16	127	79157	7.612	ng		97
34) Hexachlorobutadiene	8.22	225	146849	36.752	ng		99
35) Caprolactam	8.54	113	84429m	36.410	ng		
36) 4-Chloro-3-methylphenol	8.65	107	274496	38.513	ng		99
37) 2-Methylnaphthalene	8.80	142	581379	37.031	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	248270	41.035	ng		98
40) Hexachlorocyclopentadiene	8.95	237	20490	6.049	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	169603	40.382	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	180313	38.366	ng		97
45) 1,1'-Biphenyl	9.26	154	684438	38.549	ng		99
46) 2-Chloronaphthalene	9.29	162	528325	37.672	ng		98
47) 2-Nitroaniline	9.39	65	156275	45.059	ng		94
48) Acenaphthylene	9.70	152	785243	35.687	ng		100
49) Dimethylphthalate	9.56	163	647066	38.823	ng		100
50) 2,6-Dinitrotoluene	9.63	165	135687	43.997	ng		92
51) Acenaphthene	9.87	154	451377	33.621	ng		99
52) 3-Nitroaniline	9.80	138	71285	19.744	ng		97
53) 2,4-Dinitrophenol	9.92	184	26801	31.399	ng	#	22
54) Dibenzofuran	10.05	168	670236	35.823	ng		99
55) 4-Nitrophenol	9.98	139	176778	62.330	ng		97
56) 2,4-Dinitrotoluene	10.04	165	164065	40.556	ng	#	98
57) Fluorene	10.39	166	524468	38.512	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124315	35.455	ng		95
59) Diethylphthalate	10.26	149	608882	36.682	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	247175	40.756	ng		99
61) 4-Nitroaniline	10.42	138	111809	31.672	ng		98
62) Azobenzene	10.55	77	519185	32.739	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	26743	21.962	ng	#	78
65) n-Nitrosodiphenylamine	10.50	169	468945	42.504	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	145514	42.992	ng	#	89
67) Hexachlorobenzene	10.94	284	150772	39.589	ng		94
68) Atrazine	11.03	200	145234	43.611	ng		98
69) Pentachlorophenol	11.14	266	113817	48.307	ng		96
70) Phenanthrene	11.36	178	660230	37.258	ng		99
71) Anthracene	11.41	178	675640	37.508	ng		99
72) Carbazole	11.57	167	606953	34.482	ng		99
73) Di-n-butylphthalate	11.89	149	822988	38.275	ng		99
74) Fluoranthene	12.54	202	602342	32.533	ng		100
76) Benzidine	12.67	184	363166	48.891	ng		97
77) Pyrene	12.78	202	611933	35.459	ng		99
79) Butylbenzylphthalate	13.39	149	280840	34.542	ng		94
80) Benzo(a)anthracene	13.97	228	557628	40.091	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	186700	36.000	ng		99
82) Chrysene	14.01	228	525853	36.807	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	374682	35.829	ng		99
84) Di-n-octyl phthalate	14.56	149	648842	37.132	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.90	276	383308	31.583	ng		96
87) Benzo(b)fluoranthene	15.02	252	494794	43.381	ng		99
88) Benzo(k)fluoranthene	15.04	252	440796	40.936	ng		100
89) Benzo(a)pyrene	15.38	252	420319	41.186	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	323935	38.648	ng		98
91) Benzo(g,h,i)perylene	17.34	276	307420	37.858	ng		96

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

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