Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104805.D
Acq On : 25 Apr 2018 22:35
Operator : JU/SJ
Sample : PB108548BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:14:51 PM

Quant Time: Apr 26 12:35:56 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	99087	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	405619	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	170796	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	246753	20.00	ng		0.00
75) Chrysene-d12	13.99	240	185915	20.00	ng		0.00
86) Perylene-d12	15.45	264	143971	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	726668	112.14	ng		0.02
7) Phenol-d6	6.45	99	873158	109.66	ng		0.00
23) Nitrobenzene-d5	7.37	82	546515	87.98	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	187833	106.02	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1007927	93.23	ng		0.00
78) Terphenyl-d14	12.92	244	700059	85.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	92141	30.515	ng		87
3) Pyridine	3.33	79	261158	30.762	ng		87
4) n-Nitrosodimethylamine	3.29	42	104847	35.330	ng	#	81
6) Aniline	6.46	93	159609	14.429	ng	#	1
8) 2-Chlorophenol	6.59	128	270776	39.589	ng		94
9) Benzaldehyde	6.35	77	112899	24.635	ng		95
10) Phenol	6.46	94	313605	37.121	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	244070	36.203	ng		93
12) 1,3-Dichlorobenzene	6.74	146	285880	36.894	ng		99
13) 1,4-Dichlorobenzene	6.82	146	290339	37.589	ng		99
14) 1,2-Dichlorobenzene	6.97	146	272523	38.073	ng		98
15) Benzyl Alcohol	6.95	79	221385	36.608	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	286584	31.654	ng		58
17) 2-Methylphenol	7.06	107	220926	37.159	ng	#	93
18) Hexachloroethane	7.31	117	78469	28.493	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	176849	33.990	ng		94
20) 3+4-Methylphenols	7.22	107	280621	38.057	ng		91
22) Acetophenone	7.21	105	365568	36.608	ng		99
24) Nitrobenzene	7.39	77	270803	39.486	ng		92
25) Isophorone	7.63	82	484040	36.849	ng		99
26) 2-Nitrophenol	7.70	139	139957	50.128	ng		95
27) 2,4-Dimethylphenol	7.75	122	236073	40.722	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	312861	38.955	ng		98
29) 2,4-Dichlorophenol	7.95	162	222677	40.257	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	232135	38.240	ng		97
31) Naphthalene	8.11	128	758916	37.574	ng		100
32) Benzoic acid	7.87	122	103348	22.343	ng		97
33) 4-Chloroaniline	8.16	127	83169	9.612	ng		95
34) Hexachlorobutadiene	8.22	225	127743	38.418	ng		99
35) Caprolactam	8.54	113	67525m	34.994	ng		
36) 4-Chloro-3-methylphenol	8.66	107	228659	38.552	ng		95
37) 2-Methylnaphthalene	8.80	142	496889	38.033	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	214638	43.901	ng		99
40) Hexachlorocyclopentadiene	8.95	237	17108	6.250	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	145329	42.820	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	149807	39.444	ng		92
45) 1,1'-Biphenyl	9.26	154	586259	40.860	ng		99
46) 2-Chloronaphthalene	9.29	162	455880	40.225	ng		100
47) 2-Nitroaniline	9.39	65	134147	47.864	ng		99
48) Acenaphthylene	9.71	152	656461	36.919	ng		100
49) Dimethylphthalate	9.56	163	553045	41.062	ng		99
50) 2,6-Dinitrotoluene	9.63	165	111215	44.625	ng		96
51) Acenaphthene	9.88	154	385111	35.497	ng		99
52) 3-Nitroaniline	9.80	138	70176	24.052	ng		97
53) 2,4-Dinitrophenol	9.92	184	18469	28.060	ng	#	19
54) Dibenzofuran	10.05	168	569884	37.693	ng		98
55) 4-Nitrophenol	9.98	139	146028	63.715	ng		98
56) 2,4-Dinitrotoluene	10.05	165	134087	41.017	ng	#	98
57) Fluorene	10.39	166	438694	39.864	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103526	36.537	ng		95
59) Diethylphthalate	10.26	149	515638	38.441	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	212730	43.405	ng		98
61) 4-Nitroaniline	10.42	138	91867	32.203	ng		98
62) Azobenzene	10.55	77	431087	33.638	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	18804	20.599	ng		86
65) n-Nitrosodiphenylamine	10.50	169	397176	46.423	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	121310	46.219	ng		92
67) Hexachlorobenzene	10.95	284	125718	42.569	ng	#	88
68) Atrazine	11.03	200	120041	46.483	ng		99
69) Pentachlorophenol	11.15	266	87431	47.853	ng		97
70) Phenanthrene	11.36	178	536674	39.055	ng		99
71) Anthracene	11.41	178	550850	39.435	ng		99
72) Carbazole	11.57	167	486451	35.639	ng		100
73) Di-n-butylphthalate	11.89	149	673098	40.369	ng		99
74) Fluoranthene	12.55	202	496100	34.554	ng		97
76) Benzidine	12.67	184	350863	66.238	ng		98
77) Pyrene	12.78	202	496370	36.019	ng		100
79) Butylbenzylphthalate	13.39	149	233373	35.946	ng		99
80) Benzo(a)anthracene	13.97	228	470147	42.330	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	162741	39.298	ng		98
82) Chrysene	14.01	228	441979	38.742	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	327087	39.169	ng		99
84) Di-n-octyl phthalate	14.57	149	571366	40.949	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	301534	31.114	ng		95
87) Benzo(b)fluoranthene	15.03	252	392404	43.155	ng		99
88) Benzo(k)fluoranthene	15.06	252	368409m	42.915	ng		
89) Benzo(a)pyrene	15.39	252	332786	40.903	ng		100
90) Dibenzo(a,h)anthracene	16.93	278	261685	39.162	ng		96
91) Benzo(g,h,i)perylene	17.36	276	245240	37.882	ng		94

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

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