Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102302.D
Acq On : 22 Jan 2018 16:37
Operator : SJ/JU
Sample : PB105847BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Manual Integrations APPROVED
Sohil
1/23/2018 12:46:38 PM

Quant Time: Jan 23 01:07:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 22 13:38:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	136372	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	565763	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	264052	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	466007	20.00	ng		0.00
75) Chrysene-d12	13.87	240	343095	20.00	ng		0.00
86) Perylene-d12	15.29	264	303362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	861016	95.73	ng		0.00
7) Phenol-d6	6.36	99	1034653	95.42	ng		0.00
23) Nitrobenzene-d5	7.28	82	651631	66.19	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	245985	94.02	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1220311	67.95	ng		0.00
78) Terphenyl-d14	12.82	244	1125878	73.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	125001	29.252	ng		96
3) Pyridine	3.13	79	350116	31.352	ng		96
4) n-Nitrosodimethylamine	3.09	42	161343	36.852	ng		97
6) Aniline	6.38	93	297635	20.753	ng		95
8) 2-Chlorophenol	6.50	128	332044	35.219	ng		98
9) Benzaldehyde	6.26	77	184046	27.656	ng		95
10) Phenol	6.37	94	389922	32.939	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	298122	33.112	ng		98
12) 1,3-Dichlorobenzene	6.65	146	355610	31.715	ng		99
13) 1,4-Dichlorobenzene	6.73	146	359902	32.042	ng		97
14) 1,2-Dichlorobenzene	6.88	146	336421	32.745	ng		99
15) Benzyl Alcohol	6.86	79	262162	34.267	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	503674	33.355	ng		97
17) 2-Methylphenol	6.97	107	275954	33.702	ng		98
18) Hexachloroethane	7.22	117	126171	32.236	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	218410	32.915	ng		99
20) 3+4-Methylphenols	7.13	107	334009	34.684	ng	#	81
22) Acetophenone	7.13	105	443413	32.877	ng	#	92
24) Nitrobenzene	7.30	77	336189	33.368	ng		98
25) Isophorone	7.54	82	619088	35.273	ng		99
26) 2-Nitrophenol	7.62	139	184533	34.800	ng		94
27) 2,4-Dimethylphenol	7.66	122	301343	39.137	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	392278	36.181	ng		99
29) 2,4-Dichlorophenol	7.86	162	280599	35.776	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	271644	32.310	ng		97
31) Naphthalene	8.02	128	934473	33.081	ng		99
32) Benzoic acid	7.79	122	189527	29.380	ng		95
33) 4-Chloroaniline	8.07	127	189116	15.921	ng		96
34) Hexachlorobutadiene	8.13	225	142044	31.633	ng		98
35) Caprolactam	8.45	113	96493m	37.252	ng		
36) 4-Chloro-3-methylphenol	8.56	107	298026	36.049	ng		96
37) 2-Methylnaphthalene	8.71	142	652807	34.701	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	251117	31.610	ng		98
40) Hexachlorocyclopentadiene	8.86	237	225340	63.382	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	182690	34.352	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	192646	32.173	ng		96
45) 1,1'-Biphenyl	9.17	154	765991	32.443	ng		98
46) 2-Chloronaphthalene	9.20	162	592943	32.309	ng		97
47) 2-Nitroaniline	9.30	65	188829	33.003	ng		96
48) Acenaphthylene	9.62	152	901208	31.520	ng		99
49) Dimethylphthalate	9.48	163	704482	32.278	ng		99
50) 2,6-Dinitrotoluene	9.55	165	156923	33.348	ng		89
51) Acenaphthene	9.79	154	526791	31.548	ng		99
52) 3-Nitroaniline	9.71	138	111985	20.117	ng		95
53) 2,4-Dinitrophenol	9.82	184	139370	66.658	ng	#	21
54) Dibenzofuran	9.96	168	793315	35.104	ng		97
55) 4-Nitrophenol	9.89	139	261003	71.030	ng		96
56) 2,4-Dinitrotoluene	9.95	165	201471	34.817	ng	#	94
57) Fluorene	10.30	166	615367	34.364	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150983	35.315	ng		99
59) Diethylphthalate	10.17	149	690400	32.552	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	267296	34.428	ng		100
61) 4-Nitroaniline	10.33	138	176989	31.863	ng		94
62) Azobenzene	10.45	77	645145	33.224	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	94126	30.275	ng		87
65) n-Nitrosodiphenylamine	10.42	169	573758	33.545	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	166837	33.257	ng		97
67) Hexachlorobenzene	10.85	284	179616	32.015	ng		92
68) Atrazine	10.95	200	178458	35.327	ng		96
69) Pentachlorophenol	11.05	266	181055	61.432	ng		97
70) Phenanthrene	11.26	178	895856	32.990	ng		99
71) Anthracene	11.32	178	936648	33.793	ng		99
72) Carbazole	11.47	167	893239	33.034	ng		99
73) Di-n-butylphthalate	11.80	149	1130486	33.447	ng		99
74) Fluoranthene	12.45	202	917070	33.117	ng		99
76) Benzidine	12.57	184	476042	41.302	ng		98
77) Pyrene	12.67	202	915170	34.500	ng		99
79) Butylbenzylphthalate	13.30	149	484203	36.679	ng		94
80) Benzo(a)anthracene	13.86	228	677974	32.096	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	180102	23.243	ng		100
82) Chrysene	13.90	228	680305	31.715	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	625187	35.240	ng	#	99
84) Di-n-octyl phthalate	14.46	149	1049731	36.384	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	647141	36.530	ng		98
87) Benzo(b)fluoranthene	14.89	252	685201	34.848	ng		98
88) Benzo(k)fluoranthene	14.92	252	549870	29.600	ng		99
89) Benzo(a)pyrene	15.23	252	603372	34.025	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	531063	36.970	ng		99
91) Benzo(g,h,i)perylene	17.10	276	546748	38.548	ng		96

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

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