Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103257.D
Acq On : 27 Feb 2018 12:42
Operator : SJ/JU
Sample : PB106758BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 17:06:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB106758BS

Manual Integrations APPROVED
Sohil
2/28/2018 11:17:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117984	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	520952	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	235320	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	421560	20.00	ng		0.00
75) Chrysene-d12	14.06	240	313379	20.00	ng		0.00
86) Perylene-d12	15.56	264	306076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1025958	131.52	ng		0.01
7) Phenol-d6	6.52	99	1242694	130.18	ng		0.00
23) Nitrobenzene-d5	7.44	82	713473	78.21	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	262502	131.79	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1114949	80.61	ng		0.00
78) Terphenyl-d14	12.99	244	1139261	87.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	197820	48.012	ng		90
3) Pyridine	3.49	79	522537	47.505	ng		94
4) n-Nitrosodimethylamine	3.44	42	234458	52.852	ng		97
6) Aniline	6.54	93	467231	33.915	ng		97
8) 2-Chlorophenol	6.66	128	397669	49.071	ng		97
9) Benzaldehyde	6.42	77	188286	30.245	ng		94
10) Phenol	6.53	94	508320	45.871	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	406673	48.353	ng		94
12) 1,3-Dichlorobenzene	6.82	146	417931	45.128	ng		99
13) 1,4-Dichlorobenzene	6.89	146	420605	45.300	ng		98
14) 1,2-Dichlorobenzene	7.05	146	387806	45.297	ng		98
15) Benzyl Alcohol	7.02	79	344735	47.926	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	673334	46.621	ng		98
17) 2-Methylphenol	7.13	107	343588	46.654	ng		98
18) Hexachloroethane	7.38	117	157105	46.480	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	264525	44.526	ng		98
20) 3+4-Methylphenols	7.28	107	390560	43.505	ng	#	69
22) Acetophenone	7.28	105	518177	42.614	ng	#	86
24) Nitrobenzene	7.46	77	443686	44.177	ng		99
25) Isophorone	7.69	82	822079	45.757	ng		97
26) 2-Nitrophenol	7.77	139	229725	48.587	ng		97
27) 2,4-Dimethylphenol	7.81	122	368071	50.929	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	508545	48.144	ng		99
29) 2,4-Dichlorophenol	8.02	162	329592	47.634	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	323638	43.923	ng		99
31) Naphthalene	8.18	128	1124705	44.098	ng		100
32) Benzoic acid	7.95	122	264631	49.160	ng		98
33) 4-Chloroaniline	8.23	127	300582	27.311	ng		99
34) Hexachlorobutadiene	8.29	225	159240	41.502	ng		99
35) Caprolactam	8.60	113	126449m	51.998	ng		
36) 4-Chloro-3-methylphenol	8.72	107	375733	48.144	ng		98
37) 2-Methylnaphthalene	8.87	142	752265	45.638	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279559	43.456	ng		97
40) Hexachlorocyclopentadiene	9.02	237	202814	88.393	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	207230	47.873	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	224781	45.149	ng		96
45) 1,1'-Biphenyl	9.33	154	846179	42.913	ng		99
46) 2-Chloronaphthalene	9.36	162	684670	43.889	ng		98
47) 2-Nitroaniline	9.46	65	270795	46.862	ng		84
48) Acenaphthylene	9.77	152	1049747	43.735	ng		99
49) Dimethylphthalate	9.63	163	831085	44.025	ng		100
50) 2,6-Dinitrotoluene	9.70	165	185308	46.777	ng	#	88
51) Acenaphthene	9.95	154	600260	42.888	ng		100
52) 3-Nitroaniline	9.87	138	165303	32.889	ng		93
53) 2,4-Dinitrophenol	9.99	184	159073	107.417	ng	#	18
54) Dibenzofuran	10.12	168	892917	46.475	ng		97
55) 4-Nitrophenol	10.05	139	273536	87.811	ng		93
56) 2,4-Dinitrotoluene	10.11	165	239702	47.842	ng		94
57) Fluorene	10.46	166	703737	42.998	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	163768	48.966	ng		97
59) Diethylphthalate	10.33	149	801397	44.386	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	312904	45.083	ng		99
61) 4-Nitroaniline	10.49	138	233977	46.607	ng		95
62) Azobenzene	10.62	77	839938	45.704	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	112392	44.248	ng		92
65) n-Nitrosodiphenylamine	10.57	169	645043	43.946	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	195887	44.607	ng		90
67) Hexachlorobenzene	11.02	284	203632	42.722	ng		94
68) Atrazine	11.10	200	205783	46.644	ng		98
69) Pentachlorophenol	11.22	266	179766	78.002	ng		98
70) Phenanthrene	11.43	178	1012388	43.638	ng		99
71) Anthracene	11.49	178	1064979	44.766	ng		99
72) Carbazole	11.64	167	1029014	43.435	ng		100
73) Di-n-butylphthalate	11.96	149	1319690	44.518	ng		99
74) Fluoranthene	12.62	202	1055087	45.257	ng		98
76) Benzidine	12.74	184	522534	44.601	ng		97
77) Pyrene	12.86	202	1066425	43.647	ng		100
79) Butylbenzylphthalate	13.46	149	596643	46.220	ng		98
80) Benzo(a)anthracene	14.04	228	926476	45.565	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	259053	35.700	ng		99
82) Chrysene	14.09	228	887625	44.959	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	793107	45.528	ng		98
84) Di-n-octyl phthalate	14.64	149	1379383	49.009	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	809614	51.798	ng		97
87) Benzo(b)fluoranthene	15.12	252	889243	44.188	ng		98
88) Benzo(k)fluoranthene	15.15	252	827243	43.654	ng		100
89) Benzo(a)pyrene	15.50	252	830231	46.198	ng		97
90) Dibenzo(a,h)anthracene	17.10	278	676076	48.686	ng		99
91) Benzo(g,h,i)perylene	17.54	276	687257	50.639	ng		96

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

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