Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103594.D
Acq On : 12 Mar 2018 20:50
Operator : SJ/JU
Sample : PB107245BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Manual Integrations APPROVED
Sohil
3/13/2018 4:13:27 PM

Quant Time: Mar 13 02:16:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	128929	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	550241	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	254570	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	442680	20.00	ng		0.00
75) Chrysene-d12	14.06	240	321113	20.00	ng		0.00
86) Perylene-d12	15.56	264	302506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1036711	121.61	ng		0.00
7) Phenol-d6	6.50	99	1177016	112.84	ng		0.00
23) Nitrobenzene-d5	7.43	82	768916	79.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	214703	99.64	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1149382	75.78	ng		0.00
78) Terphenyl-d14	12.98	244	1060717	79.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	144005	31.98	ng		93
3) Pyridine	3.52	79	295833	24.61	ng		97
4) n-Nitrosodimethylamine	3.46	42	167864	34.63	ng		92
6) Aniline	6.54	93	268383	17.83	ng	#	56
8) 2-Chlorophenol	6.65	128	361101	40.78	ng		94
9) Benzaldehyde	6.43	77	161921	22.52	ng		97
10) Phenol	6.52	94	433364	35.79	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	328943	35.79	ng		93
12) 1,3-Dichlorobenzene	6.80	146	372748	36.83	ng		98
13) 1,4-Dichlorobenzene	6.87	146	403264	39.75	ng		99
14) 1,2-Dichlorobenzene	7.03	146	351080	37.53	ng		100
15) Benzyl Alcohol	7.02	79	293753	37.37	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	574581	36.41	ng	#	47
17) 2-Methylphenol	7.12	107	303264	37.68	ng	#	80
18) Hexachloroethane	7.36	117	140900	38.15	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	272205	41.93	ng		94
20) 3+4-Methylphenols	7.29	107	410663	41.86	ng	#	77
22) Acetophenone	7.27	105	527763	41.09	ng	#	92
24) Nitrobenzene	7.45	77	410220	38.67	ng		93
25) Isophorone	7.68	82	774070	40.79	ng		97
26) 2-Nitrophenol	7.76	139	198989	39.85	ng		91
27) 2,4-Dimethylphenol	7.80	122	334155	43.78	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	470933	42.21	ng		99
29) 2,4-Dichlorophenol	8.02	162	307660	42.10	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	286089	36.76	ng		99
31) Naphthalene	8.16	128	1059438	39.33	ng		100
32) Benzoic acid	7.96	122	154544	30.27	ng		97
33) 4-Chloroaniline	8.24	127	126693	10.90	ng		97
34) Hexachlorobutadiene	8.26	225	141750	34.98	ng		99
35) Caprolactam	8.60	113	102399m	39.87	ng		
36) 4-Chloro-3-methylphenol	8.72	107	354353	42.99	ng		98
37) 2-Methylnaphthalene	8.86	142	679075	39.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	253451	36.42	ng		98
40) Hexachlorocyclopentadiene	9.00	237	82675	38.84	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	168772	36.04	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	173773	32.26	ng		97
45) 1,1'-Biphenyl	9.32	154	786238	36.86	ng		99
46) 2-Chloronaphthalene	9.35	162	624555	37.01	ng		100
47) 2-Nitroaniline	9.46	65	256030	40.96	ng		83
48) Acenaphthylene	9.76	152	926348	35.68	ng		100
49) Dimethylphthalate	9.62	163	720578	35.28	ng		99
50) 2,6-Dinitrotoluene	9.70	165	157910	36.85	ng	#	89
51) Acenaphthene	9.93	154	549138	36.27	ng		98
52) 3-Nitroaniline	9.88	138	96433	17.74	ng		95
53) 2,4-Dinitrophenol	10.00	184	86807	58.95	ng	#	21
54) Dibenzofuran	10.11	168	788576	37.94	ng		94
55) 4-Nitrophenol	10.06	139	112377	33.35	ng	#	83
56) 2,4-Dinitrotoluene	10.11	165	202947	37.44	ng	#	62
57) Fluorene	10.45	166	654826	36.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137836	38.10	ng		97
59) Diethylphthalate	10.32	149	736693	37.72	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	290922	38.75	ng		99
61) 4-Nitroaniline	10.50	138	195574	36.01	ng		99
62) Azobenzene	10.60	77	817747	41.13	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	80867	31.87	ng	#	86
65) n-Nitrosodiphenylamine	10.56	169	582624	37.80	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	170256	36.92	ng		97
67) Hexachlorobenzene	11.00	284	176065	35.18	ng		99
68) Atrazine	11.09	200	178754	38.58	ng		99
69) Pentachlorophenol	11.21	266	107310	44.34	ng		99
70) Phenanthrene	11.42	178	912273	37.45	ng		98
71) Anthracene	11.47	178	982519	39.33	ng		100
72) Carbazole	11.64	167	980986	39.43	ng		100
73) Di-n-butylphthalate	11.94	149	1197109	38.46	ng		99
74) Fluoranthene	12.62	202	949710	38.79	ng		98
76) Benzidine	12.74	184	360389	30.02	ng		98
77) Pyrene	12.85	202	949867	37.94	ng		99
79) Butylbenzylphthalate	13.44	149	525454	39.72	ng		94
80) Benzo(a)anthracene	14.04	228	783963	37.63	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	144073	19.38	ng		98
82) Chrysene	14.09	228	789746	39.04	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	677984	37.98	ng		100
84) Di-n-octyl phthalate	14.62	149	1213471	42.08	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	644167	40.22	ng		99
87) Benzo(b)fluoranthene	15.12	252	703745	35.38	ng		98
88) Benzo(k)fluoranthene	15.15	252	736309	39.31	ng		99
89) Benzo(a)pyrene	15.50	252	691349	38.92	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	544799	39.70	ng		99
91) Benzo(g,h,i)perylene	17.58	276	550481	41.04	ng		95

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

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