Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102808.D
Acq On : 7 Feb 2018 11:59
Operator : SJ/JU
Sample : PB106327BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106327BS

Manual Integrations APPROVED
Sohil
2/8/2018 1:41:01 PM

Quant Time: Feb 08 02:17:31 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	173746	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	735014	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	331828	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	590287	20.00	ng		0.00
75) Chrysene-d12	14.05	240	404683	20.00	ng		0.00
86) Perylene-d12	15.53	264	325927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1097657	95.94	ng		0.01
7) Phenol-d6	6.51	99	1302881	94.58	ng		0.00
23) Nitrobenzene-d5	7.45	82	827930	78.14	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	295907	110.79	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1424656	71.24	ng		0.00
78) Terphenyl-d14	12.99	244	1339580	78.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	161477	28.576	ng	#	86
4) n-Nitrosodimethylamine	3.42	42	229573	34.368	ng		99
6) Aniline	6.55	93	163069	8.016	ng		99
8) 2-Chlorophenol	6.67	128	410363	34.841	ng		99
9) Benzaldehyde	6.43	77	142295	13.910	ng		95
10) Phenol	6.52	94	518355	35.112	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	398343	32.427	ng		90
12) 1,3-Dichlorobenzene	6.82	146	429858	31.516	ng		99
13) 1,4-Dichlorobenzene	6.90	146	433759	31.925	ng		100
14) 1,2-Dichlorobenzene	7.05	146	405400	32.035	ng		99
15) Benzyl Alcohol	7.02	79	366714	34.625	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	739770	31.701	ng		97
17) 2-Methylphenol	7.13	107	356138	32.780	ng		98
18) Hexachloroethane	7.39	117	157411	33.786	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	282334	31.086	ng		93
20) 3+4-Methylphenols	7.28	107	427875	31.936	ng	#	87
22) Acetophenone	7.29	105	565807	31.457	ng	#	95
24) Nitrobenzene	7.46	77	442822	35.515	ng		99
25) Isophorone	7.70	82	812567	33.305	ng		99
26) 2-Nitrophenol	7.78	139	232861	45.933	ng		96
27) 2,4-Dimethylphenol	7.81	122	372604	36.149	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	510243	35.304	ng		99
29) 2,4-Dichlorophenol	8.02	162	341860	36.484	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	338589	31.941	ng		100
31) Naphthalene	8.19	128	1170713	32.600	ng		99
32) Benzoic acid	7.86	122	33814m	12.957	ng		
33) 4-Chloroaniline	8.23	127	214288	13.852	ng		99
34) Hexachlorobutadiene	8.30	225	172015	31.668	ng		99
35) Caprolactam	8.59	113	80902m	24.861	ng		
36) 4-Chloro-3-methylphenol	8.71	107	376847	35.794	ng		96
37) 2-Methylnaphthalene	8.88	142	793566	33.752	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	300872	33.300	ng		99
40) Hexachlorocyclopentadiene	9.03	237	296813	69.105	ng		99
42) 2,4,6-Trichlorophenol	9.15	196	224785	37.878	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	241814	36.152	ng		96
45) 1,1'-Biphenyl	9.34	154	913455	32.683	ng		98
46) 2-Chloronaphthalene	9.37	162	731330	33.237	ng		98
47) 2-Nitroaniline	9.46	65	265291	39.718	ng		94
48) Acenaphthylene	9.79	152	1107715	32.413	ng		99
49) Dimethylphthalate	9.64	163	934067	36.102	ng		100
50) 2,6-Dinitrotoluene	9.70	165	193315	39.272	ng		95
51) Acenaphthene	9.96	154	725190	35.483	ng		100
52) 3-Nitroaniline	9.87	138	174259	28.771	ng		99
53) 2,4-Dinitrophenol	9.97	184	144451	84.145	ng	#	17
54) Dibenzofuran	10.13	168	993802	34.504	ng		99
55) 4-Nitrophenol	10.03	139	343952	69.651	ng		91
56) 2,4-Dinitrotoluene	10.10	165	258816	39.768	ng		97
57) Fluorene	10.47	166	734092	35.030	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	185166	39.942	ng		99
59) Diethylphthalate	10.34	149	846139	33.120	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	330549	35.657	ng		95
61) 4-Nitroaniline	10.49	138	206546	35.826	ng		93
62) Azobenzene	10.62	77	829277	32.493	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	110088	45.663	ng		92
65) n-Nitrosodiphenylamine	10.58	169	663891	31.885	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	207365	33.209	ng		95
67) Hexachlorobenzene	11.02	284	226110	32.825	ng		95
68) Atrazine	11.10	200	192022	31.261	ng		99
69) Pentachlorophenol	11.21	266	232551	57.510	ng		98
70) Phenanthrene	11.43	178	1078529	32.807	ng		99
71) Anthracene	11.49	178	1113350	33.297	ng		99
72) Carbazole	11.64	167	1058161	32.302	ng		100
73) Di-n-butylphthalate	11.96	149	1327693	33.366	ng		100
74) Fluoranthene	12.62	202	1104992	33.407	ng		99
77) Pyrene	12.85	202	1107850	34.911	ng		99
79) Butylbenzylphthalate	13.46	149	549981	36.484	ng		99
80) Benzo(a)anthracene	14.04	228	884808	34.765	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	201864	21.392	ng		98
82) Chrysene	14.07	228	836023	32.586	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	705467	36.290	ng		99
84) Di-n-octyl phthalate	14.64	149	1060869	36.345	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	715545	33.628	ng		98
87) Benzo(b)fluoranthene	15.10	252	724363	34.280	ng		97
88) Benzo(k)fluoranthene	15.13	252	735486	36.427	ng		100
89) Benzo(a)pyrene	15.47	252	680078	35.755	ng		96
90) Dibenzo(a,h)anthracene	17.04	278	592170	38.357	ng		99
91) Benzo(g,h,i)perylene	17.49	276	619145	40.973	ng		99

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

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