Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104061.D
Acq On : 29 Mar 2018 19:47
Operator : JU/SJ
Sample : PB107795BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Manual Integrations APPROVED
Sohil
3/30/2018 6:01:28 PM

Quant Time: Mar 30 10:08:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113429	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	470896	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	214309	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	362656	20.00	ng		0.00
75) Chrysene-d12	14.16	240	226563	20.00	ng		0.00
86) Perylene-d12	15.70	264	216307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	743592	104.54	ng		0.00
7) Phenol-d6	6.60	99	899348	102.77	ng		0.00
23) Nitrobenzene-d5	7.53	82	557737	72.43	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	238784	100.06	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1089122	80.14	ng		0.00
78) Terphenyl-d14	13.09	244	900997	91.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	91658	29.879	ng	#	86
3) Pyridine	3.67	79	204730	26.362	ng	#	83
4) n-Nitrosodimethylamine	3.65	42	60742	26.314	ng		87
6) Aniline	6.64	93	193723	18.493	ng	#	78
8) 2-Chlorophenol	6.76	128	292788	37.526	ng		96
9) Benzaldehyde	6.53	77	85610	15.538	ng		90
10) Phenol	6.62	94	315998	32.591	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	268169	32.097	ng		92
12) 1,3-Dichlorobenzene	6.91	146	288440	32.888	ng		98
13) 1,4-Dichlorobenzene	6.99	146	330270	35.145	ng		99
14) 1,2-Dichlorobenzene	7.13	146	288613	34.169	ng		100
15) Benzyl Alcohol	7.11	79	193000	33.922	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	317112	34.838	ng		55
17) 2-Methylphenol	7.22	107	223331	35.169	ng		92
18) Hexachloroethane	7.47	117	95307	30.291	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	183398	35.315	ng		94
20) 3+4-Methylphenols	7.37	107	271169	33.459	ng	#	52
22) Acetophenone	7.37	105	407325	35.751	ng	#	97
24) Nitrobenzene	7.55	77	262836	32.442	ng		99
25) Isophorone	7.78	82	526876	37.129	ng		99
26) 2-Nitrophenol	7.87	139	139926	33.087	ng		90
27) 2,4-Dimethylphenol	7.90	122	248453	40.736	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	332276	37.361	ng		98
29) 2,4-Dichlorophenol	8.11	162	233909	36.718	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	249881	34.571	ng		98
31) Naphthalene	8.27	128	850222	36.958	ng		100
32) Benzoic acid	8.02	122	93825m	20.999	ng		
33) 4-Chloroaniline	8.33	127	109274	11.267	ng		96
34) Hexachlorobutadiene	8.37	225	133921	34.048	ng		98
35) Caprolactam	8.69	113	67530	33.431	ng	#	81
36) 4-Chloro-3-methylphenol	8.80	107	250357	37.155	ng		97
37) 2-Methylnaphthalene	8.96	142	541599	35.741	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	240520	36.599	ng		98
40) Hexachlorocyclopentadiene	9.10	237	93427	33.555	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	141145	33.918	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	172421	34.316	ng		96
45) 1,1'-Biphenyl	9.42	154	660928	35.933	ng		99
46) 2-Chloronaphthalene	9.45	162	512060	35.293	ng		100
47) 2-Nitroaniline	9.56	65	144812	35.002	ng		93
48) Acenaphthylene	9.87	152	752411	34.230	ng		100
49) Dimethylphthalate	9.72	163	598717	35.384	ng		99
50) 2,6-Dinitrotoluene	9.79	165	125529	34.483	ng		92
51) Acenaphthene	10.04	154	418972	32.949	ng		99
52) 3-Nitroaniline	9.97	138	91063	21.761	ng		99
53) 2,4-Dinitrophenol	10.09	184	35793	26.526	ng	#	40
54) Dibenzofuran	10.22	168	662327	35.669	ng		99
55) 4-Nitrophenol	10.14	139	145888	58.143	ng		97
56) 2,4-Dinitrotoluene	10.20	165	159338	34.302	ng	#	94
57) Fluorene	10.56	166	525211	34.289	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	137267	36.464	ng	#	86
59) Diethylphthalate	10.42	149	568483	35.071	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	254549	36.183	ng		95
61) 4-Nitroaniline	10.60	138	112232	28.663	ng		95
62) Azobenzene	10.71	77	508323	34.681	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	35470	16.158	ng		80
65) n-Nitrosodiphenylamine	10.67	169	472035	38.433	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	145861	37.594	ng	#	89
67) Hexachlorobenzene	11.10	284	158460	35.505	ng		94
68) Atrazine	11.19	200	142230	37.800	ng		99
69) Pentachlorophenol	11.30	266	138152	56.252	ng		96
70) Phenanthrene	11.53	178	687225	35.001	ng		99
71) Anthracene	11.58	178	765418	37.321	ng		99
72) Carbazole	11.74	167	671173	34.288	ng		99
73) Di-n-butylphthalate	12.04	149	854163	36.634	ng		99
74) Fluoranthene	12.72	202	663893	31.810	ng		98
76) Benzidine	12.85	184	364175	56.404	ng		98
77) Pyrene	12.95	202	635294	39.007	ng		99
79) Butylbenzylphthalate	13.55	149	307418	40.065	ng		97
80) Benzo(a)anthracene	14.14	228	499954	35.267	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	165652	35.302	ng		99
82) Chrysene	14.19	228	499820	35.997	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	393740	39.715	ng		100
84) Di-n-octyl phthalate	14.73	149	609944	35.765	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	506429	35.197	ng		97
87) Benzo(b)fluoranthene	15.24	252	461244	35.038	ng		99
88) Benzo(k)fluoranthene	15.27	252	450656	36.341	ng		99
89) Benzo(a)pyrene	15.63	252	447156	36.654	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	436209	38.675	ng		98
91) Benzo(g,h,i)perylene	17.77	276	414891	36.725	ng		97

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

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