Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096663.D
Acq On : 12 Jul 2017 00:58
Operator : SJ/JU
Sample : PB100552BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100552BS

Manual Integrations APPROVED
mohammad
7/12/2017 4:50:17 PM

Quant Time: Jul 12 04:07:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	124828	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	482172	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	227233	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	350009	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	206216	20.00	ng		-0.02
86) Perylene-d12	15.22	264	203359	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	835036	98.73	ng		0.00
7) Phenol-d6	6.33	99	1076443	103.53	ng		-0.01
23) Nitrobenzene-d5	7.25	82	574398	71.58	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	202644	114.17	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1106151	83.23	ng		-0.02
78) Terphenyl-d14	12.78	244	770810	79.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	99077	24.706	ng	#	73
3) Pyridine	3.07	79	292309	26.566	ng	#	60
4) n-Nitrosodimethylamine	3.01	42	175990	32.405	ng	#	79
6) Aniline	6.35	93	357083	26.572	ng	#	1
8) 2-Chlorophenol	6.47	128	324963	36.031	ng		97
9) Benzaldehyde	6.23	77	171637	26.377	ng		98
10) Phenol	6.35	94	389214	32.859	ng		82
11) bis(2-Chloroethyl)ether	6.43	93	295606	32.293	ng		92
12) 1,3-Dichlorobenzene	6.63	146	323479	34.207	ng		98
13) 1,4-Dichlorobenzene	6.70	146	344769	36.476	ng		95
14) 1,2-Dichlorobenzene	6.86	146	289144	33.318	ng		98
15) Benzyl Alcohol	6.83	79	236201	33.985	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	594164	31.929	ng		91
17) 2-Methylphenol	6.95	107	241380	33.583	ng		99
18) Hexachloroethane	7.20	117	108571	31.684	ng	#	81
19) n-Nitroso-di-n-propylamine	7.10	70	193643	31.263	ng	#	83
20) 3+4-Methylphenols	7.10	107	280858	35.034	ng	#	84
22) Acetophenone	7.10	105	383602	36.410	ng	#	94
24) Nitrobenzene	7.27	77	287759	34.185	ng		90
25) Isophorone	7.51	82	529918	34.061	ng		94
26) 2-Nitrophenol	7.59	139	160509	36.025	ng		91
27) 2,4-Dimethylphenol	7.63	122	271265	35.757	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	360269	35.080	ng		98
29) 2,4-Dichlorophenol	7.83	162	246058	37.592	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	235273	38.105	ng		97
31) Naphthalene	7.99	128	854473	37.538	ng		99
32) Benzoic acid	7.76	122	177877	27.918	ng		92
33) 4-Chloroaniline	8.04	127	215539	22.796	ng		96
34) Hexachlorobutadiene	8.12	225	122203	38.588	ng		98
35) Caprolactam	8.41	113	87247m	38.655	ng		
36) 4-Chloro-3-methylphenol	8.53	107	259857	35.879	ng		88
37) 2-Methylnaphthalene	8.68	142	586837	40.500	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	214677	36.385	ng		99
40) Hexachlorocyclopentadiene	8.84	237	147622	51.457	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	166211	35.610	ng		95
43) 2,4,5-Trichlorophenol	9.00	196	173842	37.669	ng		97
45) 1,1'-Biphenyl	9.15	154	682723	35.066	ng		97
46) 2-Chloronaphthalene	9.17	162	526255	36.269	ng		94
47) 2-Nitroaniline	9.26	65	198623	37.621	ng		93
48) Acenaphthylene	9.58	152	852257	37.069	ng		99
49) Dimethylphthalate	9.45	163	625526	36.876	ng		99
50) 2,6-Dinitrotoluene	9.50	165	145764	38.858	ng	#	83
51) Acenaphthene	9.75	154	487757	34.417	ng		99
52) 3-Nitroaniline	9.67	138	123087	26.308	ng		96
53) 2,4-Dinitrophenol	9.78	184	95988	48.178	ng	#	74
54) Dibenzofuran	9.93	168	690523	36.905	ng		99
55) 4-Nitrophenol	9.85	139	222317	57.329	ng	#	65
56) 2,4-Dinitrotoluene	9.91	165	175242	36.891	ng	#	75
57) Fluorene	10.27	166	503032	38.066	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.05	232	121785	38.142	ng	#	99
59) Diethylphthalate	10.15	149	586096	36.554	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	213930	37.208	ng		98
61) 4-Nitroaniline	10.29	138	147514	34.675	ng		91
62) Azobenzene	10.42	77	566831	36.561	ng		91
64) 4,6-Dinitro-2-methylphenol	10.32	198	66145	27.402	ng		77
65) n-Nitrosodiphenylamine	10.38	169	484892	39.484	ng		98
66) 4-Bromophenyl-phenylether	10.74	248	144768	42.489	ng		96
67) Hexachlorobenzene	10.82	284	148078	39.701	ng	#	87
68) Atrazine	10.91	200	150341	42.851	ng		95
69) Pentachlorophenol	11.01	266	139301	63.017	ng		99
70) Phenanthrene	11.22	178	732354	38.707	ng		99
71) Anthracene	11.27	178	757075	39.266	ng		98
72) Carbazole	11.43	167	716198	36.936	ng		99
73) Di-n-butylphthalate	11.77	149	964822	41.081	ng		98
74) Fluoranthene	12.40	202	678689	36.586	ng		98
76) Benzidine	12.53	184	358681	36.249	ng	#	92
77) Pyrene	12.63	202	729528	44.074	ng		97
79) Butylbenzylphthalate	13.26	149	368380	43.964	ng	#	82
80) Benzo(a)anthracene	13.82	228	476673	39.917	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	166057	33.856	ng	#	95
82) Chrysene	13.86	228	486121	38.873	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	390753	41.778	ng		99
84) Di-n-octyl phthalate	14.43	149	705098	38.282	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	468361	47.448	ng		99
87) Benzo(b)fluoranthene	14.83	252	468495	36.767	ng		100
88) Benzo(k)fluoranthene	14.86	252	431109	37.822	ng	#	94
89) Benzo(a)pyrene	15.17	252	447887	39.370	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	386939	43.234	ng		97
91) Benzo(g,h,i)perylene	16.97	276	388875	41.932	ng		99

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

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