Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096524.D
Acq On : 6 Jul 2017 11:10
Operator : SJ/MA
Sample : PB100404BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100404BS

Manual Integrations APPROVED
mohammad
7/10/2017 11:44:43 AM

Quant Time: Jul 07 08:11:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115822	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	493729	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	222880	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	386546	20.00	ng		0.00
75) Chrysene-d12	13.87	240	265154	20.00	ng		0.00
86) Perylene-d12	15.27	264	220220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	905700	115.42	ng		0.01
7) Phenol-d6	6.36	99	1086657	112.64	ng		0.00
23) Nitrobenzene-d5	7.28	82	637822	77.63	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	229103	131.60	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1160158	89.00	ng		0.00
78) Terphenyl-d14	12.82	244	968199	78.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	113556	30.518	ng	#	74
3) Pyridine	3.13	79	332970	32.614	ng	#	64
4) n-Nitrosodimethylamine	3.07	42	201755	40.037	ng		83
6) Aniline	6.37	93	349575	28.036	ng	#	1
8) 2-Chlorophenol	6.50	128	337210	40.297	ng		99
9) Benzaldehyde	6.26	77	114706	18.999	ng		97
10) Phenol	6.37	94	409410	37.252	ng		80
11) bis(2-Chloroethyl)ether	6.45	93	327194	38.523	ng		91
12) 1,3-Dichlorobenzene	6.66	146	358158	40.819	ng		99
13) 1,4-Dichlorobenzene	6.73	146	361194	41.186	ng		95
14) 1,2-Dichlorobenzene	6.89	146	331909	41.219	ng		99
15) Benzyl Alcohol	6.86	79	275211	42.677	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	693570	40.168	ng		91
17) 2-Methylphenol	6.97	107	279964	41.980	ng		97
18) Hexachloroethane	7.23	117	128827	40.519	ng	#	83
19) n-Nitroso-di-n-propylamine	7.13	70	225480	39.233	ng	#	85
20) 3+4-Methylphenols	7.13	107	325704	43.787	ng		97
22) Acetophenone	7.13	105	437705	40.573	ng	#	91
24) Nitrobenzene	7.30	77	336021	38.984	ng		89
25) Isophorone	7.54	82	619904	38.912	ng		95
26) 2-Nitrophenol	7.62	139	193917	42.505	ng	#	92
27) 2,4-Dimethylphenol	7.66	122	313683	40.380	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	420494	39.985	ng		100
29) 2,4-Dichlorophenol	7.86	162	288243	43.006	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	269181	42.576	ng		97
31) Naphthalene	8.02	128	979766	42.035	ng		100
32) Benzoic acid	7.75	122	32202m	4.936	ng		
33) 4-Chloroaniline	8.06	127	210127	21.704	ng		98
34) Hexachlorobutadiene	8.15	225	136984	42.243	ng		96
35) Caprolactam	8.45	113	98540m	42.636	ng		
36) 4-Chloro-3-methylphenol	8.56	107	306638	41.347	ng		87
37) 2-Methylnaphthalene	8.71	142	671872	45.283	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	225666	38.995	ng		98
40) Hexachlorocyclopentadiene	8.87	237	250723	89.102	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	185215	40.457	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	200363	44.264	ng		96
45) 1,1'-Biphenyl	9.18	154	742723	38.893	ng		99
46) 2-Chloronaphthalene	9.20	162	579209	40.699	ng		93
47) 2-Nitroaniline	9.29	65	211759	40.893	ng		94
48) Acenaphthylene	9.62	152	933538	41.397	ng		98
49) Dimethylphthalate	9.48	163	711652	42.772	ng		99
50) 2,6-Dinitrotoluene	9.54	165	157500	42.807	ng	#	89
51) Acenaphthene	9.79	154	539838	38.836	ng		100
52) 3-Nitroaniline	9.70	138	134974	29.412	ng		87
53) 2,4-Dinitrophenol	9.81	184	47482	24.297	ng	#	74
54) Dibenzofuran	9.96	168	810110	44.142	ng		99
55) 4-Nitrophenol	9.88	139	285463	75.050	ng	#	70
56) 2,4-Dinitrotoluene	9.95	165	207551	44.545	ng	#	80
57) Fluorene	10.30	166	588885	45.434	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	142383	45.464	ng		99
59) Diethylphthalate	10.18	149	690815	43.927	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	251779	44.646	ng		96
61) 4-Nitroaniline	10.32	138	187293	44.885	ng		91
62) Azobenzene	10.46	77	656457	43.169	ng		91
64) 4,6-Dinitro-2-methylphenol	10.35	198	54467	20.431	ng		93
65) n-Nitrosodiphenylamine	10.42	169	575842	42.458	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	167003	44.382	ng		96
67) Hexachlorobenzene	10.85	284	177419	43.072	ng	#	87
68) Atrazine	10.95	200	171547	44.273	ng		96
69) Pentachlorophenol	11.05	266	135195	55.378	ng		98
70) Phenanthrene	11.26	178	914141	43.748	ng		99
71) Anthracene	11.31	178	937567	44.031	ng		99
72) Carbazole	11.46	167	897520	41.912	ng		99
73) Di-n-butylphthalate	11.80	149	1092619	42.125	ng		99
74) Fluoranthene	12.45	202	908040	44.323	ng		99
76) Benzidine	12.56	184	425503	33.444	ng	#	94
77) Pyrene	12.67	202	928988	43.649	ng		98
79) Butylbenzylphthalate	13.30	149	478315	44.396	ng	#	85
80) Benzo(a)anthracene	13.86	228	669220	43.584	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	129714	20.568	ng	#	95
82) Chrysene	13.90	228	706935	43.965	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	528850	43.975	ng		100
84) Di-n-octyl phthalate	14.47	149	1022416	43.171	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.64	276	533726	42.051	ng		98
87) Benzo(b)fluoranthene	14.88	252	601964	43.624	ng		98
88) Benzo(k)fluoranthene	14.91	252	552021m	44.722	ng		
89) Benzo(a)pyrene	15.22	252	543521	44.118	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	437010	45.091	ng	#	96
91) Benzo(g,h,i)perylene	17.06	276	463982	46.200	ng		99

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

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