Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097358.D
Acq On : 4 Aug 2017 16:19
Operator : SJ/JU
Sample : I4542-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A4129MS

Manual Integrations APPROVED
Sohil
8/7/2017 6:09:30 PM

Quant Time: Aug 04 17:15:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:25:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	80488	20.00	ng		0.00
21) Naphthalene-d8	7.72	136	338625	20.00	ng		0.00
38) Acenaphthene-d10	9.46	164	150953	20.00	ng		0.00
63) Phenanthrene-d10	10.93	188	247690	20.00	ng		0.00
75) Chrysene-d12	13.56	240	160016	20.00	ng		0.00
86) Perylene-d12	14.89	264	143622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	786203	147.25	ng		0.03
7) Phenol-d6	6.12	99	883331	144.92	ng		0.00
23) Nitrobenzene-d5	7.01	82	634798	109.97	ng		0.00
41) 2,4,6-Tribromophenol	10.26	330	200049	167.73	ng		0.00
44) 2-Fluorobiphenyl	8.80	172	1033510	116.19	ng		0.00
78) Terphenyl-d14	12.52	244	828865	105.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	102796	46.136	ng	#	67
3) Pyridine	2.72	79	259896m	38.093	ng		
4) n-Nitrosodimethylamine	2.62	42	179246	47.423	ng	#	78
6) Aniline	6.11	93	220418	28.737	ng	#	77
8) 2-Chlorophenol	6.23	128	281546	49.315	ng		93
9) Benzaldehyde	5.99	77	106040	29.391	ng		96
10) Phenol	6.13	94	339018	46.891	ng		98
11) bis(2-Chloroethyl)ether	6.19	93	323513	56.575	ng		90
12) 1,3-Dichlorobenzene	6.38	146	282127	45.855	ng		99
13) 1,4-Dichlorobenzene	6.46	146	316340	51.882	ng		94
14) 1,2-Dichlorobenzene	6.61	146	263004	49.402	ng		97
15) Benzyl Alcohol	6.60	79	246258	63.812	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	557473	48.606	ng		56
17) 2-Methylphenol	6.73	107	227080	51.536	ng	#	87
18) Hexachloroethane	6.95	117	104976	47.061	ng	#	81
19) n-Nitroso-di-n-propylamine	6.87	70	211488	52.712	ng	#	80
20) 3+4-Methylphenols	6.89	107	319858	55.581	ng	#	61
22) Acetophenone	6.86	105	402066	49.443	ng	#	96
24) Nitrobenzene	7.03	77	327647	54.502	ng		96
25) Isophorone	7.27	82	552142	48.844	ng		97
26) 2-Nitrophenol	7.35	139	183310	56.361	ng	#	88
27) 2,4-Dimethylphenol	7.41	122	282890	52.727	ng		97
28) bis(2-Chloroethoxy)methane	7.49	93	381750	51.749	ng		98
29) 2,4-Dichlorophenol	7.60	162	259092	56.056	ng		97
30) 1,2,4-Trichlorobenzene	7.67	180	218414	49.577	ng		98
31) Naphthalene	7.75	128	876732	54.925	ng		99
32) Benzoic acid	7.58	122	187951	46.914	ng		91
33) 4-Chloroaniline	7.82	127	141103	21.725	ng		96
34) Hexachlorobutadiene	7.86	225	114666	49.095	ng		100
35) Caprolactam	8.19	113	76549m	51.650	ng		
36) 4-Chloro-3-methylphenol	8.32	107	281418	55.809	ng	#	86
37) 2-Methylnaphthalene	8.43	142	592277	58.603	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	202898	50.374	ng		99
40) Hexachlorocyclopentadiene	8.59	237	112160	79.663	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	150532	51.572	ng		98
43) 2,4,5-Trichlorophenol	8.77	196	146584	50.174	ng		99
45) 1,1'-Biphenyl	8.90	154	666677	51.707	ng		98
46) 2-Chloronaphthalene	8.92	162	514539	54.230	ng	#	93
47) 2-Nitroaniline	9.03	65	189721	55.097	ng		96
48) Acenaphthylene	9.33	152	790686	54.292	ng		99
49) Dimethylphthalate	9.21	163	659100	57.497	ng		98
50) 2,6-Dinitrotoluene	9.27	165	138581	57.000	ng	#	88
51) Acenaphthene	9.50	154	484648	56.496	ng		98
52) 3-Nitroaniline	9.44	138	96383	31.939	ng		95
53) 2,4-Dinitrophenol	9.56	184	135501	122.577	ng	#	75
54) Dibenzofuran	9.67	168	715528	62.621	ng		94
55) 4-Nitrophenol	9.64	139	146743	81.768	ng	#	65
56) 2,4-Dinitrotoluene	9.68	165	182108	65.157	ng	#	74
57) Fluorene	10.01	166	541344	63.035	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	124012	61.477	ng		99
59) Diethylphthalate	9.90	149	618924	58.852	ng		99
60) 4-Chlorophenyl-phenylether	10.00	204	217468	61.322	ng		99
61) 4-Nitroaniline	10.06	138	158695	55.344	ng		92
62) Azobenzene	10.17	77	617571	63.300	ng		92
64) 4,6-Dinitro-2-methylphenol	10.09	198	100506	65.301	ng		89
65) n-Nitrosodiphenylamine	10.13	169	505972	58.710	ng		98
66) 4-Bromophenyl-phenylether	10.49	248	138284	55.943	ng		96
67) Hexachlorobenzene	10.56	284	141802	51.156	ng	#	94
68) Atrazine	10.67	200	127706	51.676	ng		95
69) Pentachlorophenol	10.76	266	120036	104.660	ng		99
70) Phenanthrene	10.96	178	765193	57.658	ng		99
71) Anthracene	11.02	178	781092	57.464	ng		99
72) Carbazole	11.17	167	814076	60.897	ng		99
73) Di-n-butylphthalate	11.52	149	937558	56.737	ng		99
74) Fluoranthene	12.14	202	815405	62.717	ng		99
76) Benzidine	12.27	184	33492	5.641	ng		99
77) Pyrene	12.36	202	798805	60.978	ng		99
79) Butylbenzylphthalate	12.99	149	419622	62.972	ng	#	77
80) Benzo(a)anthracene	13.54	228	594511	57.420	ng		99
81) 3,3'-Dichlorobenzidine	13.52	252	163522	41.881	ng	#	97
82) Chrysene	13.59	228	599958	59.343	ng		99
83) Bis(2-ethylhexyl)phthalate	13.56	149	476422	54.759	ng		98
84) Di-n-octyl phthalate	14.16	149	855078	53.555	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.10	276	449936	51.901	ng		99
87) Benzo(b)fluoranthene	14.54	252	517051	59.889	ng		99
88) Benzo(k)fluoranthene	14.57	252	485467	59.010	ng		96
89) Benzo(a)pyrene	14.84	252	455815	57.687	ng		99
90) Dibenzo(a,h)anthracene	16.10	278	365140	56.352	ng		97
91) Benzo(g,h,i)perylene	16.44	276	401858	59.140	ng		99

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

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