Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104045.D
Acq On : 29 Mar 2018 12:44
Operator : JU/SJ
Sample : PB107735BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107735BS

Quant Time: Mar 29 16:26:08 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	6.96	152	110843	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	470722	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	230216	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	425236	20.00	ng		0.00
75) Chrysene-d12	14.16	240	377765	20.00	ng		0.00
86) Perylene-d12	15.70	264	343360	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	685705	98.66	ng		0.00
7) Phenol-d6	6.60	99	867994	101.51	ng		0.00
23) Nitrobenzene-d5	7.53	82	539236	70.06	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	261957	102.19	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1079956	73.97	ng		0.00
78) Terphenyl-d14	13.09	244	1138541	69.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	83366	27.810	ng	#	88
3) Pyridine	3.68	79	185963	24.505	ng	#	85
4) n-Nitrosodimethylamine	3.65	42	51247	22.719	ng	#	85
6) Aniline	6.64	93	126497	12.357	ng	#	72
8) 2-Chlorophenol	6.76	128	261937	34.355	ng		94
9) Benzaldehyde	6.52	77	91792	17.304	ng		97
10) Phenol	6.62	94	294393	31.071	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	262901	32.200	ng		93
12) 1,3-Dichlorobenzene	6.90	146	264203	30.827	ng		99
13) 1,4-Dichlorobenzene	6.98	146	297463	32.392	ng		99
14) 1,2-Dichlorobenzene	7.13	146	261330	31.661	ng		98
15) Benzyl Alcohol	7.11	79	187926	33.801	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	285347	32.080	ng		57
17) 2-Methylphenol	7.22	107	203733	32.831	ng	#	93
18) Hexachloroethane	7.47	117	99304	32.297	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	169964	33.492	ng		90
20) 3+4-Methylphenols	7.37	107	256753	32.420	ng	#	61
22) Acetophenone	7.37	105	366095	32.144	ng		98
24) Nitrobenzene	7.55	77	242185	29.904	ng		94
25) Isophorone	7.78	82	472664	33.321	ng		98
26) 2-Nitrophenol	7.86	139	144394	34.156	ng		92
27) 2,4-Dimethylphenol	7.89	122	233070	38.228	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	304905	34.296	ng		99
29) 2,4-Dichlorophenol	8.10	162	220163	34.573	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	234066	32.395	ng		99
31) Naphthalene	8.27	128	791903	34.436	ng		99
32) Benzoic acid	8.02	122	90218	20.200	ng		95
33) 4-Chloroaniline	8.33	127	83039	8.565	ng		94
34) Hexachlorobutadiene	8.37	225	122485	31.152	ng		99
35) Caprolactam	8.69	113	64973	32.177	ng	#	82
36) 4-Chloro-3-methylphenol	8.80	107	238308	35.380	ng		97
37) 2-Methylnaphthalene	8.96	142	511480	33.766	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	227981	32.294	ng		99
40) Hexachlorocyclopentadiene	9.10	237	202430	62.203	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	144928	32.420	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	171203	31.719	ng		96
45) 1,1'-Biphenyl	9.42	154	628874	31.827	ng		99
46) 2-Chloronaphthalene	9.45	162	492604	31.606	ng		99
47) 2-Nitroaniline	9.56	65	141299	31.793	ng		93
48) Acenaphthylene	9.87	152	740337	31.354	ng		100
49) Dimethylphthalate	9.72	163	567738	31.235	ng		99
50) 2,6-Dinitrotoluene	9.79	165	129495	33.115	ng		90
51) Acenaphthene	10.04	154	412440	30.194	ng		99
52) 3-Nitroaniline	9.97	138	64536	14.357	ng		98
53) 2,4-Dinitrophenol	10.08	184	113660	67.513	ng	#	24
54) Dibenzofuran	10.22	168	659603	33.068	ng		99
55) 4-Nitrophenol	10.14	139	169663	62.947	ng		94
56) 2,4-Dinitrotoluene	10.20	165	162774	32.621	ng	#	100
57) Fluorene	10.56	166	537798	32.685	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	147107	36.377	ng	#	86
59) Diethylphthalate	10.42	149	676850	38.871	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	249400	33.002	ng		93
61) 4-Nitroaniline	10.60	138	131273	31.210	ng		93
62) Azobenzene	10.70	77	491337	31.206	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	78755	30.596	ng		87
65) n-Nitrosodiphenylamine	10.67	169	470947	32.702	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	146195	32.135	ng	#	87
67) Hexachlorobenzene	11.10	284	162597	31.070	ng	#	91
68) Atrazine	11.19	200	147593	33.453	ng		98
69) Pentachlorophenol	11.30	266	158767	55.133	ng		97
70) Phenanthrene	11.53	178	745273	32.371	ng		98
71) Anthracene	11.58	178	841009	34.972	ng		99
72) Carbazole	11.74	167	778406	33.914	ng		99
73) Di-n-butylphthalate	12.04	149	890052	32.556	ng		99
74) Fluoranthene	12.72	202	840513	34.346	ng		96
76) Benzidine	12.84	184	286356	26.600	ng		98
77) Pyrene	12.95	202	846684	31.179	ng		99
79) Butylbenzylphthalate	13.55	149	404266	31.598	ng		97
80) Benzo(a)anthracene	14.14	228	758375	32.084	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	132876	16.983	ng		98
82) Chrysene	14.19	228	744111	32.141	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	540396	32.691	ng		100
84) Di-n-octyl phthalate	14.73	149	933278	32.821	ng		96
85) Indeno(1,2,3-cd)pyrene	17.29	276	605232	25.227	ng		95
87) Benzo(b)fluoranthene	15.24	252	679008	32.494	ng		99
88) Benzo(k)fluoranthene	15.27	252	729280	37.048	ng		99
89) Benzo(a)pyrene	15.64	252	667506	34.470	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	508484	28.401	ng		99
91) Benzo(g,h,i)perylene	17.77	276	483855	26.981	ng		96

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

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