Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104416.D
Acq On : 10 Apr 2018 18:33
Operator : JU/SJ
Sample : J2301-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-L-6(0-5)MSD

Quant Time: Apr 11 00:54:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 12:04:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139465	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	556924	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	226566	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	329360	20.00	ng		0.00
75) Chrysene-d12	13.99	240	272000	20.00	ng		0.00
86) Perylene-d12	15.44	264	206895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	906583	99.40	ng		0.02
7) Phenol-d6	6.45	99	1232098	109.94	ng		0.00
23) Nitrobenzene-d5	7.38	82	715149	83.85	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	227257	96.70	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1169675	81.56	ng		0.00
78) Terphenyl-d14	12.93	244	921242	77.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	144002	33.883	ng		91
3) Pyridine	3.30	79	406441	34.014	ng		88
4) n-Nitrosodimethylamine	3.26	42	160947	38.532	ng		81
6) Aniline	6.47	93	417555	26.818	ng		97
8) 2-Chlorophenol	6.60	128	403555	41.919	ng		93
9) Benzaldehyde	6.36	77	290520	61.918	ng		97
10) Phenol	6.46	94	563654	47.403	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	395620	41.693	ng		96
12) 1,3-Dichlorobenzene	6.75	146	429530	39.384	ng		99
13) 1,4-Dichlorobenzene	6.83	146	429361	39.494	ng		99
14) 1,2-Dichlorobenzene	6.98	146	403437	40.044	ng		99
15) Benzyl Alcohol	6.95	79	342985	40.295	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	518157	40.662	ng		92
17) 2-Methylphenol	7.06	107	337025	40.274	ng		97
18) Hexachloroethane	7.32	117	138979	35.854	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	276178	37.713	ng		94
20) 3+4-Methylphenols	7.22	107	387325	37.320	ng	#	78
22) Acetophenone	7.22	105	536013	39.093	ng		95
24) Nitrobenzene	7.40	77	422150	44.831	ng		97
25) Isophorone	7.63	82	686980	38.090	ng		99
26) 2-Nitrophenol	7.71	139	204818	53.429	ng		97
27) 2,4-Dimethylphenol	7.75	122	316300	39.738	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	473891	42.975	ng		99
29) 2,4-Dichlorophenol	7.95	162	320952	42.260	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	339537	40.737	ng		99
31) Naphthalene	8.12	128	1049931	37.860	ng		99
32) Benzoic acid	7.86	122	174088	27.411	ng		96
33) 4-Chloroaniline	8.16	127	163059	13.725	ng		96
34) Hexachlorobutadiene	8.23	225	188776	41.350	ng		99
35) Caprolactam	8.55	113	99266	37.467	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	337054	41.389	ng		99
37) 2-Methylnaphthalene	8.81	142	663487	36.987	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	296873	45.774	ng		99
40) Hexachlorocyclopentadiene	8.96	237	63924	17.606	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	210321	46.715 ng		100
43) 2,4,5-Trichlorophenol	9.12	196	207051	41.097 ng		99
45) 1,1'-Biphenyl	9.27	154	829563	43.585 ng		98
46) 2-Chloronaphthalene	9.30	162	648593	43.142 ng		100
47) 2-Nitroaniline	9.39	65	198757	53.460 ng		97
48) Acenaphthylene	9.72	152	928537	39.366 ng		100
49) Dimethylphthalate	9.57	163	885047	49.537 ng		99
50) 2,6-Dinitrotoluene	9.64	165	160927	48.677 ng		89
51) Acenaphthene	9.89	154	540411	37.551 ng		99
52) 3-Nitroaniline	9.80	138	117739	30.421 ng		97
53) 2,4-Dinitrophenol	9.91	184	18609	23.171 ng	#	15
54) Dibenzofuran	10.06	168	811788	40.476 ng		98
55) 4-Nitrophenol	9.97	139	240239	79.019 ng		88
56) 2,4-Dinitrotoluene	10.04	165	191289	44.111 ng		96
57) Fluorene	10.40	166	550490	37.709 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	146320	38.929 ng		94
59) Diethylphthalate	10.27	149	713564	40.102 ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	290282	44.650 ng		99
61) 4-Nitroaniline	10.42	138	137027	36.209 ng		99
62) Azobenzene	10.55	77	650460	38.262 ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	17541	16.609 ng		83
65) n-Nitrosodiphenylamine	10.51	169	555803	48.670 ng		99
66) 4-Bromophenyl-phenylether	10.88	248	171778	49.033 ng		95
67) Hexachlorobenzene	10.95	284	174903	44.369 ng		94
68) Atrazine	11.04	200	164019	47.583 ng		100
69) Pentachlorophenol	11.14	266	181547	74.444 ng		99
70) Phenanthrene	11.36	178	722500	39.391 ng		99
71) Anthracene	11.42	178	724310	38.848 ng		99
72) Carbazole	11.57	167	718367	39.429 ng		100
73) Di-n-butylphthalate	11.90	149	932399	41.895 ng		99
74) Fluoranthene	12.55	202	704918	36.784 ng		99
76) Benzidine	12.68	184	717845	Below Cal		97
77) Pyrene	12.78	202	747517	37.076 ng		99
79) Butylbenzylphthalate	13.40	149	364939	38.421 ng		95
80) Benzo(a)anthracene	13.97	228	664243	40.878 ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	277527	45.806 ng		97
82) Chrysene	14.01	228	668638	40.060 ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	498108	40.771 ng		100
84) Di-n-octyl phthalate	14.59	149	909778	44.566 ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	459813	32.430 ng		98
87) Benzo(b)fluoranthene	15.03	252	553823	42.383 ng		99
88) Benzo(k)fluoranthene	15.06	252	527232	42.737 ng		97
89) Benzo(a)pyrene	15.39	252	472736	40.433 ng		99
90) Dibenzo(a,h)anthracene	16.92	278	388595	40.468 ng		99
91) Benzo(g,h,i)perylene	17.34	276	371062	39.885 ng		97

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

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