Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104415.D
Acq On : 10 Apr 2018 18:06
Operator : JU/SJ
Sample : J2301-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 11 00:53:37 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	106837	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	383013	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	141498	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	232141	20.00	ng		0.00
75) Chrysene-d12	13.98	240	243099	20.00	ng		0.00
86) Perylene-d12	15.44	264	177004	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	464160	66.43	ng		0.00
7) Phenol-d6	6.43	99	600620	69.96	ng		0.00
23) Nitrobenzene-d5	7.37	82	331221	56.47	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	102154	69.60	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	527794	58.93	ng		0.00
78) Terphenyl-d14	12.92	244	499683	46.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	73611	22.610	ng		91
3) Pyridine	3.29	79	202530	22.126	ng		88
4) n-Nitrosodimethylamine	3.23	42	75130	23.480	ng	#	76
6) Aniline	6.47	93	193421	16.217	ng		97
8) 2-Chlorophenol	6.59	128	191358	25.948	ng		94
9) Benzaldehyde	6.36	77	132736	27.555	ng		99
10) Phenol	6.45	94	249241	27.362	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	188007	25.864	ng		93
12) 1,3-Dichlorobenzene	6.75	146	207477	24.834	ng		98
13) 1,4-Dichlorobenzene	6.83	146	210296	25.251	ng		98
14) 1,2-Dichlorobenzene	6.98	146	198285	25.692	ng		97
15) Benzyl Alcohol	6.95	79	155482	23.845	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	242062	24.797	ng		96
17) 2-Methylphenol	7.06	107	147538	23.015	ng		99
18) Hexachloroethane	7.32	117	61347	20.660	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	125261	22.329	ng		95
20) 3+4-Methylphenols	7.21	107	183090	23.029	ng	#	78
22) Acetophenone	7.22	105	255065	27.049	ng	#	98
24) Nitrobenzene	7.39	77	183941	28.403	ng		94
25) Isophorone	7.63	82	292027	23.544	ng		99
26) 2-Nitrophenol	7.70	139	80532	30.546	ng		99
27) 2,4-Dimethylphenol	7.74	122	135541	24.760	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	207651	27.381	ng		99
29) 2,4-Dichlorophenol	7.95	162	133210	25.504	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	149644	26.106	ng		99
31) Naphthalene	8.12	128	468221	24.550	ng		99
32) Benzoic acid	7.83	122	80182	18.358	ng		99
33) 4-Chloroaniline	8.16	127	101106	12.374	ng		99
34) Hexachlorobutadiene	8.23	225	86268	27.476	ng		98
35) Caprolactam	8.51	113	37861	20.779	ng	#	86
36) 4-Chloro-3-methylphenol	8.64	107	128855	23.007	ng		97
37) 2-Methylnaphthalene	8.80	142	279067	22.621	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	121724	30.052	ng		98
40) Hexachlorocyclopentadiene	8.95	237	21098	9.304	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	79710	28.349	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	78933	25.086	ng		98
45) 1,1'-Biphenyl	9.27	154	342315	28.798	ng		99
46) 2-Chloronaphthalene	9.29	162	265154	28.241	ng		99
47) 2-Nitroaniline	9.39	65	74999	32.300	ng		98
48) Acenaphthylene	9.71	152	367866	24.972	ng		99
49) Dimethylphthalate	9.56	163	341012	30.561	ng		100
50) 2,6-Dinitrotoluene	9.63	165	57555	27.876	ng		99
51) Acenaphthene	9.88	154	217878	24.241	ng		98
52) 3-Nitroaniline	9.80	138	59597	24.656	ng		96
53) 2,4-Dinitrophenol	9.90	184	3397	10.920	ng	#	25
54) Dibenzofuran	10.05	168	327319	26.132	ng		100
55) 4-Nitrophenol	9.95	139	95347	50.216	ng		99
56) 2,4-Dinitrotoluene	10.03	165	64992	23.997	ng	#	88
57) Fluorene	10.40	166	226281	24.819	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	57387	24.447	ng	#	93
59) Diethylphthalate	10.27	149	276788	24.907	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	116139	28.604	ng		99
61) 4-Nitroaniline	10.40	138	57600	24.371	ng		98
62) Azobenzene	10.55	77	247502	23.312	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	3765	10.167	ng		82
65) n-Nitrosodiphenylamine	10.50	169	215374	26.758	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	67568	27.364	ng	#	89
67) Hexachlorobenzene	10.95	284	72632	26.142	ng	#	84
68) Atrazine	11.03	200	64965	26.740	ng		98
69) Pentachlorophenol	11.14	266	85773	49.901	ng		98
70) Phenanthrene	11.36	178	319959	24.750	ng		99
71) Anthracene	11.41	178	323938	24.650	ng		98
72) Carbazole	11.57	167	340685	26.530	ng		98
73) Di-n-butylphthalate	11.90	149	395290	25.200	ng		98
74) Fluoranthene	12.55	202	369544	27.359	ng		97
76) Benzidine	12.67	184	424329	58.114	ng		98
77) Pyrene	12.78	202	396309	21.994	ng		98
79) Butylbenzylphthalate	13.40	149	193338	22.775	ng		100
80) Benzo(a)anthracene	13.97	228	361784	24.911	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	147642	27.266	ng		98
82) Chrysene	14.00	228	361863	24.258	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	280818	25.718	ng	#	98
84) Di-n-octyl phthalate	14.58	149	502514	27.542	ng		95
85) Indeno(1,2,3-cd)pyrene	16.89	276	236948	18.698	ng		97
87) Benzo(b)fluoranthene	15.02	252	300121	26.846	ng		98
88) Benzo(k)fluoranthene	15.04	252	276196	26.169	ng		99
89) Benzo(a)pyrene	15.38	252	251250	25.118	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	202902	24.698	ng		98
91) Benzo(g,h,i)perylene	17.33	276	190784	23.970	ng		97

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

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