Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102681.D
Acq On : 1 Feb 2018 3:17
Operator : SJ/JU
Sample : J1385-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-5(120-122)MSD

Quant Time: Feb 01 04:18:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	139549	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	491933	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	175281	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	288426	20.00	ng		0.00
75) Chrysene-d12	13.87	240	260327	20.00	ng		0.00
86) Perylene-d12	15.30	264	192574	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1062487	115.44	ng		0.03
7) Phenol-d6	6.38	99	1167726	105.24	ng		0.02
23) Nitrobenzene-d5	7.28	82	803621	93.88	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	172838	99.52	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1153751	96.78	ng		0.00
78) Terphenyl-d14	12.82	244	898791	77.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	179724	41.100	ng		97
3) Pyridine	3.12	79	430986	37.714	ng		96
4) n-Nitrosodimethylamine	3.09	42	226396	50.534	ng		98
6) Aniline	6.38	93	268683	18.308	ng	#	44
8) 2-Chlorophenol	6.50	128	382059	39.601	ng		99
9) Benzaldehyde	6.26	77	154091	21.638	ng		97
10) Phenol	6.39	94	485706	40.097	ng		98
11) bis(2-Chloroethyl)ether	6.45	93	373546	40.545	ng		97
12) 1,3-Dichlorobenzene	6.65	146	416411	36.292	ng		98
13) 1,4-Dichlorobenzene	6.73	146	431651	37.555	ng		98
14) 1,2-Dichlorobenzene	6.88	146	400306	38.076	ng		98
15) Benzyl Alcohol	6.87	79	289846	37.023	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	621110	40.196	ng	#	44
17) 2-Methylphenol	6.99	107	316659	37.792	ng	#	90
18) Hexachloroethane	7.21	117	112304	28.040	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	280092	41.249	ng		98
20) 3+4-Methylphenols	7.15	107	424555	43.082	ng		92
22) Acetophenone	7.12	105	553265	47.179	ng	#	99
24) Nitrobenzene	7.30	77	413419	47.192	ng		98
25) Isophorone	7.54	82	735966	48.226	ng		99
26) 2-Nitrophenol	7.62	139	181825	39.436	ng		94
27) 2,4-Dimethylphenol	7.66	122	326230	48.728	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	472120	50.081	ng		98
29) 2,4-Dichlorophenol	7.87	162	292019	42.820	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	274752	37.584	ng		98
31) Naphthalene	8.02	128	965597	39.314	ng		100
32) Benzoic acid	7.76	122	19096	3.404	ng		89
33) 4-Chloroaniline	8.07	127	164871	15.963	ng		97
34) Hexachlorobutadiene	8.12	225	151264	38.742	ng		98
35) Caprolactam	8.44	113	83453	37.053	ng		98
36) 4-Chloro-3-methylphenol	8.57	107	274527	38.190	ng		98
37) 2-Methylnaphthalene	8.70	142	655333	40.064	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	247955	47.019	ng		98
40) Hexachlorocyclopentadiene	8.85	237	5941	2.517	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	156885	44.441	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	158221	39.806	ng		97
45) 1,1'-Biphenyl	9.17	154	740408	47.241	ng		98
46) 2-Chloronaphthalene	9.19	162	513028	42.112	ng		98
47) 2-Nitroaniline	9.30	65	166691	43.889	ng		95
48) Acenaphthylene	9.61	152	724896	38.194	ng		100
49) Dimethylphthalate	9.47	163	694642	47.946	ng		100
50) 2,6-Dinitrotoluene	9.55	165	115910	37.107	ng		88
51) Acenaphthene	9.78	154	428627	38.669	ng		99
52) 3-Nitroaniline	9.72	138	126407	34.208	ng		98
53) 2,4-Dinitrophenol	9.85	184	3651	6.180	ng	#	28
54) Dibenzofuran	9.95	168	617637	41.172	ng		98
55) 4-Nitrophenol	9.91	139	114378	46.891	ng		95
56) 2,4-Dinitrotoluene	9.95	165	136366	35.500	ng	#	79
57) Fluorene	10.29	166	490618	41.273	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	106717	37.603	ng		96
59) Diethylphthalate	10.16	149	536793	38.128	ng		100
60) 4-Chlorophenyl-phenylether	10.28	204	216111	41.932	ng		98
61) 4-Nitroaniline	10.33	138	131505	35.664	ng		89
62) Azobenzene	10.45	77	494524	38.365	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	9465	4.919	ng		97
65) n-Nitrosodiphenylamine	10.40	169	427457	40.378	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	121499	39.131	ng		96
67) Hexachlorobenzene	10.84	284	123843	35.664	ng		97
68) Atrazine	10.94	200	123559	39.518	ng		98
69) Pentachlorophenol	11.05	266	73359	40.216	ng		98
70) Phenanthrene	11.26	178	673758	40.087	ng		98
71) Anthracene	11.31	178	704312	41.056	ng		99
72) Carbazole	11.47	167	689487	41.198	ng		99
73) Di-n-butylphthalate	11.79	149	806997	38.576	ng		99
74) Fluoranthene	12.45	202	730863	42.643	ng		99
76) Benzidine	12.57	184	427545	48.888	ng		97
77) Pyrene	12.67	202	750714	37.298	ng		99
79) Butylbenzylphthalate	13.29	149	375424	37.480	ng		97
80) Benzo(a)anthracene	13.86	228	664501	41.460	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	222634	37.866	ng		98
82) Chrysene	13.90	228	640124	39.330	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	518769	38.538	ng		99
84) Di-n-octyl phthalate	14.45	149	936349	42.773	ng		100
85) Indeno(1,2,3-cd)pyrene	16.70	276	413163	30.738	ng		96
87) Benzo(b)fluoranthene	14.89	252	505436	40.494	ng		98
88) Benzo(k)fluoranthene	14.92	252	512943	43.498	ng		98
89) Benzo(a)pyrene	15.24	252	452319	40.181	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	345824	37.924	ng		97
91) Benzo(g,h,i)perylene	17.13	276	342442	38.033	ng		97

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