Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102613.D
Acq On : 29 Jan 2018 22:38
Operator : SJ/JU
Sample : J1353-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-5(5-10)MSD

Quant Time: Jan 30 02:39:46 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155239	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	638111	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	278385	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	422359	20.00	ng		0.00
75) Chrysene-d12	13.88	240	292659	20.00	ng		0.00
86) Perylene-d12	15.32	264	301538	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	644723	62.97	ng		0.00
7) Phenol-d6	6.36	99	755900	61.24	ng		0.00
23) Nitrobenzene-d5	7.28	82	467245	42.08	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	136074	49.33	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	795908	42.04	ng		0.00
78) Terphenyl-d14	12.82	244	563263	43.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	96067	19.749	ng		98
3) Pyridine	3.11	79	229963	18.090	ng		95
4) n-Nitrosodimethylamine	3.06	42	106000	21.269	ng		97
6) Aniline	6.37	93	180616	11.063	ng	#	1
8) 2-Chlorophenol	6.50	128	239794	22.343	ng		94
9) Benzaldehyde	6.26	77	99955	11.827	ng		93
10) Phenol	6.37	94	299653	22.237	ng		78
11) bis(2-Chloroethyl)ether	6.45	93	226434	22.093	ng		99
12) 1,3-Dichlorobenzene	6.65	146	254662	19.951	ng		99
13) 1,4-Dichlorobenzene	6.73	146	263609	20.617	ng		99
14) 1,2-Dichlorobenzene	6.88	146	243248	20.799	ng		99
15) Benzyl Alcohol	6.86	79	186938	21.465	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	364157	21.185	ng		80
17) 2-Methylphenol	6.98	107	193305	20.739	ng	#	92
18) Hexachloroethane	7.22	117	85226	19.128	ng		89
19) n-Nitroso-di-n-propylamine	7.13	70	164913	21.832	ng		96
20) 3+4-Methylphenols	7.14	107	257206	23.462	ng		96
22) Acetophenone	7.13	105	337616	22.195	ng	#	97
24) Nitrobenzene	7.30	77	241252	21.230	ng		100
25) Isophorone	7.54	82	438237	22.138	ng		97
26) 2-Nitrophenol	7.62	139	112064	18.738	ng		94
27) 2,4-Dimethylphenol	7.66	122	211554	24.360	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	287057	23.474	ng		98
29) 2,4-Dichlorophenol	7.87	162	197949	22.377	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	191176	20.161	ng		99
31) Naphthalene	8.02	128	687925	21.592	ng		99
33) 4-Chloroaniline	8.07	127	145209	10.839	ng		98
34) Hexachlorobutadiene	8.13	225	97544	19.260	ng		99
35) Caprolactam	8.43	113	57505	19.683	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	202160	21.681	ng		95
37) 2-Methylnaphthalene	8.71	142	463541	21.847	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	176244	21.043	ng		99
40) Hexachlorocyclopentadiene	8.86	237	15980	4.263	ng		92
42) 2,4,6-Trichlorophenol	9.00	196	116245	20.733	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	118902	18.835	ng		98
45) 1,1'-Biphenyl	9.17	154	524457	21.069	ng		99
46) 2-Chloronaphthalene	9.20	162	402871	20.822	ng		98
47) 2-Nitroaniline	9.30	65	130482	21.631	ng		99
48) Acenaphthylene	9.61	152	689914	22.888	ng		100
49) Dimethylphthalate	9.47	163	546292	23.741	ng		99
50) 2,6-Dinitrotoluene	9.55	165	100028	20.163	ng		93
51) Acenaphthene	9.78	154	362858	20.612	ng		99
52) 3-Nitroaniline	9.72	138	99457	16.947	ng		94
53) 2,4-Dinitrophenol	9.85	184	2695	4.850	ng	#	22
54) Dibenzofuran	9.96	168	532498	22.350	ng		100
55) 4-Nitrophenol	9.90	139	93267	24.075	ng		95
56) 2,4-Dinitrotoluene	9.95	165	118539	19.430	ng	#	80
57) Fluorene	10.30	166	428842	22.715	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	82229	18.243	ng		97
59) Diethylphthalate	10.17	149	453257	20.271	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	179746	21.959	ng		96
61) 4-Nitroaniline	10.33	138	97834	16.706	ng		88
62) Azobenzene	10.45	77	414713	20.257	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	12085	4.289	ng		88
65) n-Nitrosodiphenylamine	10.41	169	365668	23.588	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	103646	22.796	ng		92
67) Hexachlorobenzene	10.84	284	97747	19.223	ng		96
68) Atrazine	10.94	200	107297	23.435	ng		98
69) Pentachlorophenol	11.05	266	49362	18.479	ng		96
70) Phenanthrene	11.26	178	796317	32.355	ng		99
71) Anthracene	11.32	178	596981	23.764	ng		98
72) Carbazole	11.47	167	517461	21.114	ng		98
73) Di-n-butylphthalate	11.79	149	660006	21.545	ng		100
74) Fluoranthene	12.45	202	939366	37.428	ng		99
76) Benzidine	12.58	184	152340	15.495	ng		97
77) Pyrene	12.68	202	896183	39.606	ng		99
79) Butylbenzylphthalate	13.29	149	230467	20.467	ng		98
80) Benzo(a)anthracene	13.87	228	611335	33.929	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	112911	17.083	ng		99
82) Chrysene	13.91	228	593899	32.458	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	335584	22.176	ng		100
84) Di-n-octyl phthalate	14.46	149	542919	22.061	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	439956	29.115	ng		98
87) Benzo(b)fluoranthene	14.93	252	412188	21.090	ng		99
88) Benzo(k)fluoranthene	14.93	252	412188	22.323	ng		98
89) Benzo(a)pyrene	15.26	252	553680	31.411	ng		95
90) Dibenzo(a,h)anthracene	16.73	278	287658	20.146	ng		96
91) Benzo(g,h,i)perylene	17.14	276	368748	26.155	ng		94

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