Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102530.D
Acq On : 28 Jan 2018 00:18
Operator : SJ/JU
Sample : J1290-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-51-10.5-11.0MSD

Quant Time: Jan 28 01:06:50 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	6.72	152	156498	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	615404	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	242568	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	335177	20.00	ng		0.00
75) Chrysene-d12	13.89	240	265692	20.00	ng		0.00
86) Perylene-d12	15.31	264	222748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1089199	105.53	ng		0.01
7) Phenol-d6	6.37	99	1288793	103.57	ng		0.01
23) Nitrobenzene-d5	7.29	82	813601	75.97	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	205380	85.45	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1309731	79.39	ng		0.00
78) Terphenyl-d14	12.82	244	864707	73.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	144752	29.517	ng		96
3) Pyridine	3.12	79	386033	30.122	ng		97
4) n-Nitrosodimethylamine	3.08	42	201603	40.126	ng		90
6) Aniline	6.39	93	451826	27.452	ng	#	1
8) 2-Chlorophenol	6.51	128	407682	37.680	ng		95
9) Benzaldehyde	6.27	77	193398	24.779	ng		93
10) Phenol	6.39	94	529563	38.982	ng		76
11) bis(2-Chloroethyl)ether	6.46	93	412188	39.894	ng		97
12) 1,3-Dichlorobenzene	6.66	146	433648	33.701	ng		99
13) 1,4-Dichlorobenzene	6.73	146	439129	34.068	ng		99
14) 1,2-Dichlorobenzene	6.89	146	405890	34.426	ng		100
15) Benzyl Alcohol	6.87	79	307139	34.983	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	611134	35.267	ng		81
17) 2-Methylphenol	6.99	107	333758	35.519	ng	#	92
18) Hexachloroethane	7.22	117	117619	26.186	ng		94
19) n-Nitroso-di-n-propylamine	7.14	70	270052	35.463	ng		99
20) 3+4-Methylphenols	7.14	107	415652	37.611	ng	#	87
22) Acetophenone	7.13	105	552293	37.647	ng	#	95
24) Nitrobenzene	7.31	77	409865	37.399	ng		94
25) Isophorone	7.55	82	750794	39.327	ng		98
26) 2-Nitrophenol	7.62	139	205173	35.572	ng		93
27) 2,4-Dimethylphenol	7.66	122	365079	43.590	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	489140	41.476	ng		99
29) 2,4-Dichlorophenol	7.87	162	337511	39.562	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	317147	34.679	ng		99
31) Naphthalene	8.02	128	1109178	36.099	ng		100
32) Benzoic acid	7.77	122	64603	9.207	ng		98
33) 4-Chloroaniline	8.08	127	366057	28.331	ng		99
34) Hexachlorobutadiene	8.13	225	165034	33.788	ng		98
35) Caprolactam	8.45	113	105388	37.404	ng		98
36) 4-Chloro-3-methylphenol	8.57	107	341455	37.971	ng		95
37) 2-Methylnaphthalene	8.72	142	734486	35.894	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	283185	38.804	ng		99
40) Hexachlorocyclopentadiene	8.86	237	9128	2.795	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	198053	40.540	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	205346	37.331	ng		97
45) 1,1'-Biphenyl	9.18	154	832021	38.361	ng		98
46) 2-Chloronaphthalene	9.20	162	628477	37.278	ng		98
47) 2-Nitroaniline	9.31	65	215613	41.022	ng		93
48) Acenaphthylene	9.62	152	927004	35.294	ng		99
49) Dimethylphthalate	9.48	163	945170	47.141	ng		100
50) 2,6-Dinitrotoluene	9.55	165	155260	35.917	ng		90
51) Acenaphthene	9.79	154	537271	35.025	ng		99
52) 3-Nitroaniline	9.72	138	164422	32.153	ng		97
53) 2,4-Dinitrophenol	9.84	184	16399	11.760	ng	#	18
54) Dibenzofuran	9.96	168	777877	37.469	ng		99
55) 4-Nitrophenol	9.90	139	211837	62.756	ng		94
56) 2,4-Dinitrotoluene	9.96	165	171535	32.269	ng	#	90
57) Fluorene	10.30	166	595314	36.188	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	139221	35.448	ng		96
59) Diethylphthalate	10.17	149	712785	36.584	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	270222	37.887	ng		99
61) 4-Nitroaniline	10.33	138	166090	32.549	ng		89
62) Azobenzene	10.45	77	613655	34.401	ng		99
64) 4,6-Dinitro-2-methylphenol	10.37	198	15537	6.948	ng		95
65) n-Nitrosodiphenylamine	10.42	169	542142	44.068	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	153789	42.622	ng		98
67) Hexachlorobenzene	10.85	284	142641	35.348	ng		96
68) Atrazine	10.95	200	141077	38.827	ng		99
69) Pentachlorophenol	11.05	266	122641	57.854	ng		99
70) Phenanthrene	11.26	178	759410	38.881	ng		98
71) Anthracene	11.32	178	771405	38.695	ng		99
72) Carbazole	11.47	167	717798	36.907	ng		100
73) Di-n-butylphthalate	11.80	149	958796	39.440	ng		99
74) Fluoranthene	12.45	202	752898	37.801	ng		99
76) Benzidine	12.58	184	565758	63.386	ng		98
77) Pyrene	12.68	202	762670	37.127	ng		100
79) Butylbenzylphthalate	13.29	149	359974	35.212	ng		98
80) Benzo(a)anthracene	13.87	228	695136	42.496	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	247635	41.268	ng		98
82) Chrysene	13.91	228	645074	38.834	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	502411	36.569	ng	#	99
84) Di-n-octyl phthalate	14.46	149	881309	39.446	ng		100
85) Indeno(1,2,3-cd)pyrene	16.72	276	448494	32.692	ng		97
87) Benzo(b)fluoranthene	14.90	252	590204	40.880	ng		98
88) Benzo(k)fluoranthene	14.93	252	538878	39.507	ng		98
89) Benzo(a)pyrene	15.25	252	514450	39.509	ng	#	97
90) Dibenzo(a,h)anthracene	16.73	278	369238	35.007	ng		99
91) Benzo(g,h,i)perylene	17.14	276	363982	34.949	ng		98

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