Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104852.D
Acq On : 26 Apr 2018 22:01
Operator : JU/SJ
Sample : J2585-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01.022MSD

Quant Time: Apr 27 07:40:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101434	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	381269	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	141861	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	237027	20.00	ng		0.00
75) Chrysene-d12	13.99	240	208920	20.00	ng		0.00
86) Perylene-d12	15.45	264	151568	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	767682	115.72	ng		0.01
7) Phenol-d6	6.45	99	899573	110.37	ng		0.00
23) Nitrobenzene-d5	7.37	82	545658	93.45	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	160252	108.90	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	754436	84.01	ng		0.00
78) Terphenyl-d14	12.92	244	675571	73.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	92956	30.073	ng		88
3) Pyridine	3.29	79	258640	29.761	ng		86
4) n-Nitrosodimethylamine	3.24	42	103014	33.909	ng	#	79
6) Aniline	6.47	93	254774	22.499	ng	#	66
8) 2-Chlorophenol	6.59	128	260685	37.232	ng		93
9) Benzaldehyde	6.35	77	104495	21.681	ng		96
10) Phenol	6.46	94	334226	38.647	ng		79
11) bis(2-Chloroethyl)ether	6.54	93	241117	34.938	ng		96
12) 1,3-Dichlorobenzene	6.74	146	266814	33.637	ng		98
13) 1,4-Dichlorobenzene	6.82	146	271463	34.332	ng		99
14) 1,2-Dichlorobenzene	6.97	146	250795	34.227	ng		98
15) Benzyl Alcohol	6.95	79	206725	33.393	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	275004	29.672	ng		53
17) 2-Methylphenol	7.06	107	206332	33.901	ng		94
18) Hexachloroethane	7.31	117	68428	24.272	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	160588	30.151	ng		93
20) 3+4-Methylphenols	7.22	107	256528	33.984	ng		90
22) Acetophenone	7.21	105	338789	36.093	ng		97
24) Nitrobenzene	7.39	77	250607	38.875	ng		92
25) Isophorone	7.63	82	437010	35.394	ng		97
26) 2-Nitrophenol	7.70	139	126317	48.132	ng		95
27) 2,4-Dimethylphenol	7.75	122	212793	39.050	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	290773	38.517	ng		99
29) 2,4-Dichlorophenol	7.95	162	195012	37.507	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	196618	34.458	ng		99
31) Naphthalene	8.11	128	653711	34.433	ng		100
32) Benzoic acid	7.86	122	85320	19.623	ng		97
33) 4-Chloroaniline	8.16	127	196425	24.150	ng		96
34) Hexachlorobutadiene	8.22	225	104222	33.346	ng		99
35) Caprolactam	8.53	113	55492	30.594	ng	#	77
36) 4-Chloro-3-methylphenol	8.65	107	193309	34.674	ng		99
37) 2-Methylnaphthalene	8.80	142	398459	32.446	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	164851	40.595	ng		98
42) 2,4,6-Trichlorophenol	9.08	196	113138	40.134	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	116805	37.027	ng		94
45) 1,1'-Biphenyl	9.26	154	444599	37.307	ng		99
46) 2-Chloronaphthalene	9.29	162	345694	36.725	ng		98
47) 2-Nitroaniline	9.39	65	106917	45.929	ng		94
48) Acenaphthylene	9.70	152	499769	33.839	ng		99
49) Dimethylphthalate	9.56	163	501432	44.823	ng		100
50) 2,6-Dinitrotoluene	9.63	165	86472	41.774	ng	#	85
51) Acenaphthene	9.87	154	284559	31.579	ng		99
52) 3-Nitroaniline	9.80	138	87718	36.197	ng		98
53) 2,4-Dinitrophenol	9.92	184	6321	15.499	ng	#	21
54) Dibenzofuran	10.05	168	418845	33.353	ng		99
55) 4-Nitrophenol	9.98	139	126271	66.332	ng		91
56) 2,4-Dinitrotoluene	10.04	165	100386	36.971	ng		99
57) Fluorene	10.39	166	323196	35.359	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	81421	34.597	ng		97
59) Diethylphthalate	10.26	149	374361	33.601	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	150028	36.855	ng		99
61) 4-Nitroaniline	10.42	138	87559	36.953	ng		98
62) Azobenzene	10.55	77	312314	29.341	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	6465	12.090	ng		85
65) n-Nitrosodiphenylamine	10.50	169	290827	35.388	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	86015	34.117	ng	#	89
67) Hexachlorobenzene	10.94	284	96284	33.940	ng		97
68) Atrazine	11.03	200	90087	36.316	ng		97
69) Pentachlorophenol	11.15	266	86960	49.549	ng		97
70) Phenanthrene	11.36	178	440677	33.385	ng		99
71) Anthracene	11.41	178	464678	34.631	ng		99
72) Carbazole	11.57	167	452328	34.498	ng		100
73) Di-n-butylphthalate	11.89	149	507404	31.680	ng		99
74) Fluoranthene	12.55	202	505750	36.672	ng		97
76) Benzidine	12.67	184	229221	29.998	ng		98
77) Pyrene	12.78	202	512022	33.064	ng		100
79) Butylbenzylphthalate	13.39	149	241292	33.074	ng		96
80) Benzo(a)anthracene	13.97	228	439867	35.243	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	162688	34.959	ng		98
82) Chrysene	14.01	228	419208	32.700	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	349025	37.194	ng	#	98
84) Di-n-octyl phthalate	14.57	149	589727	37.611	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.92	276	292329	26.843	ng		95
87) Benzo(b)fluoranthene	15.03	252	336628	35.165	ng		99
88) Benzo(k)fluoranthene	15.06	252	322825	35.720	ng		97
89) Benzo(a)pyrene	15.39	252	292231	34.118	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	247355	35.162	ng		96
91) Benzo(g,h,i)perylene	17.37	276	238640	35.015	ng		94

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

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