Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102486.D
Acq On : 26 Jan 2018 23:10
Operator : SJ/JU
Sample : J1253-11MSD 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-06(5-16)MSD

Quant Time: Jan 27 01:10:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172746	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	694909	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	268824	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	374486	20.00	ng		0.00
75) Chrysene-d12	13.89	240	273070	20.00	ng		0.01
86) Perylene-d12	15.33	264	182226	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	731112	64.17	ng		0.01
7) Phenol-d6	6.37	99	871282	63.43	ng		0.00
23) Nitrobenzene-d5	7.29	82	481199	39.79	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	104740	39.32	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	870442	47.61	ng		0.00
78) Terphenyl-d14	12.83	244	588390	48.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	96615	17.848	ng		94
3) Pyridine	3.10	79	274527	19.407	ng		92
4) n-Nitrosodimethylamine	3.05	42	137270	24.752	ng		98
6) Aniline	6.39	93	247156	13.604	ng	#	29
8) 2-Chlorophenol	6.51	128	275895	23.101	ng		97
9) Benzaldehyde	6.27	77	140449	15.251	ng		98
10) Phenol	6.38	94	361650	24.118	ng	#	71
11) bis(2-Chloroethyl)ether	6.46	93	272618	23.904	ng		97
12) 1,3-Dichlorobenzene	6.66	146	296983	20.909	ng		98
13) 1,4-Dichlorobenzene	6.74	146	301577	21.196	ng		98
14) 1,2-Dichlorobenzene	6.89	146	280767	21.574	ng		98
15) Benzyl Alcohol	6.87	79	211754	21.850	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	439311	22.967	ng		76
17) 2-Methylphenol	6.99	107	221913	21.395	ng	#	94
18) Hexachloroethane	7.23	117	50237	10.133	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	194852	23.181	ng		95
20) 3+4-Methylphenols	7.15	107	295838	24.252	ng		96
22) Acetophenone	7.13	105	389851	23.534	ng	#	97
24) Nitrobenzene	7.31	77	245204	19.815	ng		96
25) Isophorone	7.55	82	512112	23.755	ng		100
26) 2-Nitrophenol	7.62	139	19732	3.030	ng		95
27) 2,4-Dimethylphenol	7.67	122	247215	26.140	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	337263	25.326	ng		99
29) 2,4-Dichlorophenol	7.87	162	201568	20.924	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	213280	20.653	ng		97
31) Naphthalene	8.03	128	774493	22.322	ng		99
32) Benzoic acid	7.67	122	247215	31.200	ng	#	14
33) 4-Chloroaniline	8.08	127	274794	18.834	ng		99
34) Hexachlorobutadiene	8.14	225	113430	20.566	ng		95
35) Caprolactam	8.43	113	62152	19.535	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	220775	21.742	ng		97
37) 2-Methylnaphthalene	8.72	142	506302	21.912	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	187348	23.164	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	96485	17.821	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	104979	17.221	ng		98
45) 1,1'-Biphenyl	9.18	154	562894	23.418	ng		98
46) 2-Chloronaphthalene	9.21	162	414228	22.170	ng		97
47) 2-Nitroaniline	9.31	65	117572	20.184	ng		98
48) Acenaphthylene	9.62	152	625298	21.482	ng		100
49) Dimethylphthalate	9.48	163	636612	28.650	ng		99
50) 2,6-Dinitrotoluene	9.55	165	44610	9.312	ng		90
51) Acenaphthene	9.79	154	359193	21.129	ng		99
52) 3-Nitroaniline	9.72	138	111250	19.630	ng		98
54) Dibenzofuran	9.96	168	526414	22.880	ng		97
55) 4-Nitrophenol	9.92	139	43680	11.676	ng		94
56) 2,4-Dinitrotoluene	9.96	165	43221	7.336	ng	#	80
57) Fluorene	10.31	166	394974	21.665	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	60704	13.947	ng	#	98
59) Diethylphthalate	10.17	149	463475	21.465	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	177731	22.485	ng		98
61) 4-Nitroaniline	10.33	138	112094	19.822	ng		89
62) Azobenzene	10.46	77	392322	19.845	ng		99
65) n-Nitrosodiphenylamine	10.42	169	356110	25.908	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	96186	23.860	ng		99
67) Hexachlorobenzene	10.86	284	90648	20.106	ng		94
68) Atrazine	10.94	200	83113	20.473	ng		99
69) Pentachlorophenol	11.06	266	30463	12.862	ng		96
70) Phenanthrene	11.27	178	660243	30.256	ng		99
71) Anthracene	11.32	178	560155	25.149	ng		98
72) Carbazole	11.48	167	479140	22.050	ng		99
73) Di-n-butylphthalate	11.80	149	648038	23.859	ng		98
74) Fluoranthene	12.46	202	821267	36.905	ng		98
76) Benzidine	12.59	184	176163	19.204	ng		97
77) Pyrene	12.69	202	820673	38.871	ng		100
79) Butylbenzylphthalate	13.30	149	243069	23.134	ng		99
80) Benzo(a)anthracene	13.88	228	559681	33.290	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	116205	18.842	ng		98
82) Chrysene	13.92	228	524671	30.732	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	372263	26.364	ng		98
84) Di-n-octyl phthalate	14.47	149	574693	25.027	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.74	276	281434	19.960	ng		97
87) Benzo(b)fluoranthene	14.92	252	392772	33.255	ng	#	95
88) Benzo(k)fluoranthene	14.94	252	311640	27.928	ng		98
89) Benzo(a)pyrene	15.27	252	327900	30.782	ng	#	95
90) Dibenzo(a,h)anthracene	16.74	278	198096	22.957	ng		97
91) Benzo(g,h,i)perylene	17.16	276	241236	28.314	ng		95

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

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