Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101776.D
Acq On : 27 Dec 2017 21:29
Operator : SJ/JU
Sample : I7077-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMPMSD

Quant Time: Dec 28 04:09:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	160021	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	616261	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	264505	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	433262	20.00	ng		0.00
75) Chrysene-d12	13.97	240	298845	20.00	ng		0.00
86) Perylene-d12	15.44	264	301246	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1022731	95.20	ng		0.02
7) Phenol-d6	6.44	99	1133867	84.81	ng		0.00
23) Nitrobenzene-d5	7.36	82	731381	66.06	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	241915	94.92	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1161228	68.10	ng		0.00
78) Terphenyl-d14	12.90	244	931107	75.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	126671	22.948	ng		98
3) Pyridine	3.38	79	188991	12.323	ng		99
4) n-Nitrosodimethylamine	3.29	42	149802	21.214	ng		98
6) Aniline	6.46	93	253312	13.634	ng	#	69
8) 2-Chlorophenol	6.58	128	302646	26.781	ng		98
9) Benzaldehyde	6.36	77	123620	12.520	ng		97
10) Phenol	6.45	94	409305	26.860	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	306173	25.615	ng		95
12) 1,3-Dichlorobenzene	6.73	146	338500	26.540	ng		99
13) 1,4-Dichlorobenzene	6.80	146	342961	26.332	ng		99
14) 1,2-Dichlorobenzene	6.96	146	311049	26.532	ng		98
15) Benzyl Alcohol	6.95	79	235980	25.643	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	517500	28.289	ng	#	47
17) 2-Methylphenol	7.06	107	248374	23.894	ng	#	88
18) Hexachloroethane	7.29	117	105634	23.328	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	217709	24.796	ng		94
20) 3+4-Methylphenols	7.22	107	340703	30.930	ng		96
22) Acetophenone	7.20	105	431302	30.672	ng	#	95
24) Nitrobenzene	7.38	77	329438	26.887	ng		97
25) Isophorone	7.62	82	598038	26.928	ng		98
26) 2-Nitrophenol	7.70	139	164403	31.232	ng		97
27) 2,4-Dimethylphenol	7.73	122	269932	30.185	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	386107	27.369	ng		99
29) 2,4-Dichlorophenol	7.95	162	261378	29.585	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	254959	27.346	ng		98
31) Naphthalene	8.09	128	839479	27.058	ng		100
32) Benzoic acid	7.87	122	20820	10.843	ng		96
33) 4-Chloroaniline	8.16	127	129123	9.576	ng		97
34) Hexachlorobutadiene	8.20	225	150169	27.848	ng		98
35) Caprolactam	8.53	113	75291	24.543	ng	#	81
36) 4-Chloro-3-methylphenol	8.65	107	257916	26.560	ng		97
37) 2-Methylnaphthalene	8.79	142	554781	27.446	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	264605	29.630	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	2180	12.997	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	162298	30.188	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	151536	25.742	ng		95
45) 1,1'-Biphenyl	9.25	154	665673	28.378	ng		100
46) 2-Chloronaphthalene	9.27	162	494276	27.538	ng		98
47) 2-Nitroaniline	9.39	65	169485	27.334	ng		87
48) Acenaphthylene	9.69	152	716743	25.282	ng		100
49) Dimethylphthalate	9.55	163	703129	33.048	ng		100
50) 2,6-Dinitrotoluene	9.63	165	116556	26.955	ng	#	87
51) Acenaphthene	9.86	154	438458	25.743	ng		99
52) 3-Nitroaniline	9.80	138	108814	20.184	ng		99
53) 2,4-Dinitrophenol	9.95	184	26732	25.780	ng	#	16
54) Dibenzofuran	10.03	168	634488	29.313	ng		96
55) 4-Nitrophenol	10.00	139	72650	30.905	ng		93
56) 2,4-Dinitrotoluene	10.05	165	153802	31.569	ng	#	97
57) Fluorene	10.38	166	502646	27.451	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	122291	28.915	ng		88
59) Diethylphthalate	10.25	149	546765	25.951	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	251057	28.608	ng		94
61) 4-Nitroaniline	10.42	138	109748	20.253	ng		94
62) Azobenzene	10.53	77	537652	24.634	ng		95
64) 4,6-Dinitro-2-methylphenol	10.47	198	25370	11.475	ng		93
65) n-Nitrosodiphenylamine	10.49	169	462264	28.895	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	150645	30.944	ng		92
67) Hexachlorobenzene	10.93	284	148736	28.867	ng	#	87
68) Atrazine	11.02	200	142836	29.943	ng		97
69) Pentachlorophenol	11.14	266	101268	52.956	ng		98
70) Phenanthrene	11.35	178	662992	27.516	ng		99
71) Anthracene	11.40	178	685368	27.847	ng		100
72) Carbazole	11.56	167	581209	25.223	ng		99
73) Di-n-butylphthalate	11.87	149	816774	29.204	ng		98
74) Fluoranthene	12.54	202	625599	24.737	ng		98
76) Benzidine	12.67	184	135218	10.713	ng		97
77) Pyrene	12.77	202	620307	27.657	ng		100
79) Butylbenzylphthalate	13.37	149	283015	27.888	ng		94
80) Benzo(a)anthracene	13.96	228	504230	25.552	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	172838	26.862	ng		99
82) Chrysene	14.00	228	501748	26.930	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	379432	29.519	ng		99
84) Di-n-octyl phthalate	14.53	149	638728	27.863	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	429284	25.874	ng		98
87) Benzo(b)fluoranthene	15.02	252	467442	25.458	ng		99
88) Benzo(k)fluoranthene	15.04	252	471142	26.391	ng		99
89) Benzo(a)pyrene	15.39	252	454570	26.855	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	371557	25.566	ng		96
91) Benzo(g,h,i)perylene	17.38	276	349682	24.299	ng		96

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

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