Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101041.D
Acq On : 1 Dec 2017 2:00
Operator : SJ/JU
Sample : I6630-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-S001-0001-01MSD

Quant Time: Dec 01 05:50:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	60790	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	225543	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	89793	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	141537	20.00	ng		0.00
75) Chrysene-d12	14.03	240	133432	20.00	ng		0.00
86) Perylene-d12	15.50	264	91666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	335787	91.28	ng		0.01
7) Phenol-d6	6.50	99	392854	87.96	ng		0.01
23) Nitrobenzene-d5	7.42	82	239366	63.31	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	78392	72.67	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	477543	72.76	ng		0.00
78) Terphenyl-d14	12.96	244	369147	60.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	38494	25.304	ng	#	94
3) Pyridine	3.42	79	115303	29.238	ng		97
4) n-Nitrosodimethylamine	3.36	42	63413	32.923	ng	#	89
6) Aniline	6.52	93	110754	19.069	ng		92
8) 2-Chlorophenol	6.65	128	127074	31.680	ng		98
9) Benzaldehyde	6.41	77	47417	17.346	ng		92
10) Phenol	6.51	94	169378	34.105	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	119426	32.059	ng		98
12) 1,3-Dichlorobenzene	6.80	146	146106	31.282	ng		96
13) 1,4-Dichlorobenzene	6.87	146	147196	30.440	ng		98
14) 1,2-Dichlorobenzene	7.03	146	139702	30.973	ng		97
15) Benzyl Alcohol	7.00	79	106359	30.832	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	185740	36.682	ng		95
17) 2-Methylphenol	7.11	107	103872	32.070	ng		97
18) Hexachloroethane	7.36	117	36013	23.181	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	84669	28.148	ng		95
20) 3+4-Methylphenols	7.26	107	127716	30.235	ng	#	71
22) Acetophenone	7.27	105	165922	30.450	ng	#	92
24) Nitrobenzene	7.44	77	123148	33.233	ng		99
25) Isophorone	7.68	82	224423	34.750	ng		98
26) 2-Nitrophenol	7.76	139	58093	28.558	ng		91
27) 2,4-Dimethylphenol	7.79	122	107928	36.677	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	143392	33.035	ng		98
29) 2,4-Dichlorophenol	8.00	162	104531	32.635	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	115415	32.769	ng		94
31) Naphthalene	8.16	128	351415	31.614	ng		99
33) 4-Chloroaniline	8.22	127	82754	18.528	ng		97
34) Hexachlorobutadiene	8.27	225	67708	31.343	ng		99
35) Caprolactam	8.57	113	28404	28.455	ng		94
36) 4-Chloro-3-methylphenol	8.69	107	97387	29.352	ng		99
37) 2-Methylnaphthalene	8.85	142	232686	30.807	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	105763	32.423	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	5000	9.808	ng		90
42) 2,4,6-Trichlorophenol	9.13	196	67636	35.371	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	67470	33.004	ng		94
45) 1,1'-Biphenyl	9.32	154	269458	32.753	ng		96
46) 2-Chloronaphthalene	9.34	162	199283	34.109	ng		97
47) 2-Nitroaniline	9.44	65	58076	33.597	ng		97
48) Acenaphthylene	9.76	152	291680	30.378	ng		99
49) Dimethylphthalate	9.61	163	264632	36.543	ng		99
50) 2,6-Dinitrotoluene	9.68	165	45236	29.658	ng		87
51) Acenaphthene	9.93	154	170446	29.646	ng		99
52) 3-Nitroaniline	9.85	138	46465	27.089	ng		90
53) 2,4-Dinitrophenol	9.97	184	546	5.481	ng	#	10
54) Dibenzofuran	10.10	168	253265	30.568	ng		98
55) 4-Nitrophenol	10.02	139	58898	50.916	ng		93
56) 2,4-Dinitrotoluene	10.09	165	52785	25.823	ng	#	90
57) Fluorene	10.45	166	191309	28.404	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	48646	29.720	ng	#	84
59) Diethylphthalate	10.31	149	223906	31.348	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	97777	29.402	ng		90
61) 4-Nitroaniline	10.46	138	42601	23.926	ng		90
62) Azobenzene	10.59	77	168402	27.782	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	2633	2.774	ng	#	74
65) n-Nitrosodiphenylamine	10.55	169	174805	35.008	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	56178	35.460	ng	#	88
67) Hexachlorobenzene	10.99	284	54333	31.999	ng	#	86
68) Atrazine	11.07	200	48990	31.985	ng		99
69) Pentachlorophenol	11.19	266	48223	51.653	ng		98
70) Phenanthrene	11.40	178	247403	31.741	ng		98
71) Anthracene	11.46	178	257123	32.594	ng		98
72) Carbazole	11.62	167	221362	30.712	ng		98
73) Di-n-butylphthalate	11.93	149	286828	31.750	ng		99
74) Fluoranthene	12.60	202	274006	31.714	ng		94
76) Benzidine	12.72	184	15354	3.539	ng		98
77) Pyrene	12.83	202	287929	31.272	ng		100
79) Butylbenzylphthalate	13.44	149	127879	31.502	ng	#	87
80) Benzo(a)anthracene	14.02	228	266794	31.668	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	70317	24.100	ng		95
82) Chrysene	14.06	228	251665	32.165	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	208709	36.059	ng		99
84) Di-n-octyl phthalate	14.60	149	317410	32.936	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	155637	22.374	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	204785	37.298	ng		99
88) Benzo(k)fluoranthene	15.10	252	172852	31.954	ng	#	97
89) Benzo(a)pyrene	15.44	252	164422	32.940	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	131678	29.923	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	125761	30.325	ng	#	93

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

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