Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090113.D
Acq On : 16 Sep 2016 18:28
Operator : UM/SJ
Sample : H4813-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-6-7MSD

Quant Time: Sep 16 23:13:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	167706	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	664347	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	363152	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	521127	20.00	ng		-0.01
75) Chrysene-d12	13.66	240	377951	20.00	ng		-0.01
86) Perylene-d12	14.98	264	353223	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1248822	119.76	ng		0.00
7) Phenol-d6	6.20	99	1662786	121.80	ng		0.00
23) Nitrobenzene-d5	7.12	82	1066024	90.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	375351	102.90	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1511472	65.36	ng		-0.01
78) Terphenyl-d14	12.63	244	1374914	86.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	189813	34.86	ng		100
3) Pyridine	2.62	79	510493	37.22	ng		100
4) n-Nitrosodimethylamine	2.58	42	186800	42.68	ng		98
6) Aniline	6.20	93	538507	31.78	ng	#	91
8) 2-Chlorophenol	6.33	128	526961	43.86	ng		84
9) Benzaldehyde	6.08	77	48439	6.66	ng		99
10) Phenol	6.22	94	737941	48.16	ng	#	71
11) bis(2-Chloroethyl)ether	6.30	93	545576	44.40	ng		89
12) 1,3-Dichlorobenzene	6.48	146	519636	42.05	ng		99
13) 1,4-Dichlorobenzene	6.56	146	531158	41.63	ng		99
14) 1,2-Dichlorobenzene	6.71	146	437016m	37.70	ng		
15) Benzyl Alcohol	6.71	79	367090	47.75	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.84	45	643192	44.17	ng		97
17) 2-Methylphenol	6.82	107	435517	44.32	ng		98
18) Hexachloroethane	7.05	117	186845	40.36	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	358628	42.27	ng		98
20) 3+4-Methylphenols	6.98	107	533721	44.74	ng		96
22) Acetophenone	6.97	105	693040	43.09	ng		99
24) Nitrobenzene	7.13	77	506262	40.67	ng		99
25) Isophorone	7.38	82	1078848	43.61	ng		100
26) 2-Nitrophenol	7.45	139	275301	45.62	ng		99
27) 2,4-Dimethylphenol	7.51	122	445663	41.97	ng		97
28) bis(2-Chloroethoxy)methane	7.60	93	633726	43.67	ng		100
29) 2,4-Dichlorophenol	7.70	162	448390	47.81	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	419111	45.29	ng	#	95
31) Naphthalene	7.85	128	1394047	42.69	ng		100
32) Benzoic acid	7.61	122	68816	9.08	ng		96
33) 4-Chloroaniline	7.91	127	362205	26.06	ng		99
34) Hexachlorobutadiene	7.98	225	200161	42.24	ng		98
35) Caprolactam	8.30	113	160817m	51.34	ng		
36) 4-Chloro-3-methylphenol	8.41	107	479789	44.06	ng		96
37) 2-Methylnaphthalene	8.55	142	982693	48.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	282099	30.21	ng		99
40) Hexachlorocyclopentadiene	8.71	237	357113	73.59	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	262944	38.85	ng		97
43) 2,4,5-Trichlorophenol	8.88	196	309323	42.49	ng		99
45) 1,1'-Biphenyl	9.00	154	973203	32.75	ng		99
46) 2-Chloronaphthalene	9.03	162	808470	36.72	ng		98
47) 2-Nitroaniline	9.13	65	279912	39.82	ng		88
48) Acenaphthylene	9.44	152	1342984	36.32	ng		100
49) Dimethylphthalate	9.32	163	1316573	48.81	ng		98
50) 2,6-Dinitrotoluene	9.38	165	262332	43.52	ng	#	70
51) Acenaphthene	9.61	154	791392	38.32	ng		98
52) 3-Nitroaniline	9.54	138	223710	30.50	ng		97
53) 2,4-Dinitrophenol	9.64	184	145603	44.43	ng	#	82
54) Dibenzofuran	9.78	168	1106444	38.74	ng		95
55) 4-Nitrophenol	9.72	139	357999	69.37	ng		90
56) 2,4-Dinitrotoluene	9.78	165	273214	37.18	ng	#	79
57) Fluorene	10.12	166	863031	40.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	231801	41.75	ng		96
59) Diethylphthalate	10.02	149	1026747	39.32	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	352508	40.69	ng	#	80
61) 4-Nitroaniline	10.16	138	274794	37.02	ng		96
62) Azobenzene	10.27	77	1082792	39.51	ng		99
64) 4,6-Dinitro-2-methylphenol	10.18	198	138921	39.53	ng		80
65) n-Nitrosodiphenylamine	10.24	169	767012	46.45	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	255224	50.81	ng	#	92
67) Hexachlorobenzene	10.66	284	265120	44.79	ng		97
68) Atrazine	10.78	200	226294	46.12	ng		98
69) Pentachlorophenol	10.86	266	261047	75.28	ng		98
70) Phenanthrene	11.07	178	1272757	50.54	ng		99
71) Anthracene	11.12	178	1194189	43.43	ng		99
72) Carbazole	11.28	167	1275159	45.21	ng		99
73) Di-n-butylphthalate	11.62	149	1527540	48.29	ng		100
74) Fluoranthene	12.24	202	1132944	42.94	ng		99
76) Benzidine	12.38	184	547866	35.54	ng		98
77) Pyrene	12.47	202	1265354	45.87	ng		100
79) Butylbenzylphthalate	13.11	149	656158	47.77	ng		92
80) Benzo(a)anthracene	13.65	228	1011584	45.85	ng		100
81) 3,3'-Dichlorobenzidine	13.62	252	324722	35.12	ng		98
82) Chrysene	13.68	228	754337	36.45	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	745531	43.88	ng		99
84) Di-n-octyl phthalate	14.27	149	1296188	42.68	ng		98
85) Indeno(1,2,3-cd)pyrene	16.16	276	950446	52.86	ng		100
87) Benzo(b)fluoranthene	14.64	252	1077878m	52.05	ng		
88) Benzo(k)fluoranthene	14.66	252	671550m	36.02	ng		
89) Benzo(a)pyrene	14.94	252	860017	46.31	ng		99
90) Dibenzo(a,h)anthracene	16.18	278	789137	54.26	ng		99
91) Benzo(g,h,i)perylene	16.51	276	804020	57.93	ng		100

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

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