Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099435.D
Acq On : 13 Oct 2017 11:34
Operator : SJ/JU
Sample : I5775-03MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-101017MSD

Quant Time: Oct 13 13:21:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115000	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	443735	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	166662	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	242085	20.00	ng		0.00
75) Chrysene-d12	14.02	240	198370	20.00	ng		0.00
86) Perylene-d12	15.49	264	157079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	807554	111.79	ng		0.03
7) Phenol-d6	6.50	99	900624	101.06	ng		0.01
23) Nitrobenzene-d5	7.42	82	606146	87.60	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	154936	113.61	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1037426	103.92	ng		0.00
78) Terphenyl-d14	12.96	244	715286	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	117165	33.953	ng	#	82
3) Pyridine	3.55	79	244882	26.232	ng		91
4) n-Nitrosodimethylamine	3.49	42	132494	33.470	ng		80
6) Aniline	6.52	93	116062	9.650	ng		91
8) 2-Chlorophenol	6.65	128	316593	38.699	ng		95
9) Benzaldehyde	6.41	77	98171	18.991	ng		96
10) Phenol	6.51	94	333957	33.507	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	315213	40.682	ng		98
12) 1,3-Dichlorobenzene	6.80	146	342507	39.976	ng		97
13) 1,4-Dichlorobenzene	6.87	146	349672	40.113	ng		97
14) 1,2-Dichlorobenzene	7.03	146	320926	39.844	ng		97
15) Benzyl Alcohol	7.00	79	241039	36.869	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	428714	35.514	ng		89
17) 2-Methylphenol	7.11	107	252276	37.688	ng		98
18) Hexachloroethane	7.36	117	103330	32.978	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	202032	35.508	ng		94
20) 3+4-Methylphenols	7.26	107	297293	35.107	ng	#	66
22) Acetophenone	7.27	105	417090	38.796	ng	#	98
24) Nitrobenzene	7.44	77	311841	39.730	ng		98
25) Isophorone	7.67	82	578252	40.421	ng		99
26) 2-Nitrophenol	7.76	139	149868	39.706	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	266733	37.420	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	379540	42.573	ng		100
29) 2,4-Dichlorophenol	8.00	162	253410	41.407	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	260817	42.611	ng		99
31) Naphthalene	8.16	128	874974	41.984	ng		100
32) Benzoic acid	7.92	122	134834	23.028	ng		95
33) 4-Chloroaniline	8.21	127	52880	6.076	ng		95
34) Hexachlorobutadiene	8.27	225	132017	41.874	ng		99
35) Caprolactam	8.59	113	60192	30.661	ng	#	83
36) 4-Chloro-3-methylphenol	8.70	107	240861	35.015	ng		94
37) 2-Methylnaphthalene	8.85	142	568966	41.996	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	225110	45.291	ng		98
40) Hexachlorocyclopentadiene	9.00	237	18573	8.177	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	146831	41.700 ng		99
43) 2,4,5-Trichlorophenol	9.17	196	148876	42.355 ng		97
45) 1,1'-Biphenyl	9.31	154	641260	44.769 ng		100
46) 2-Chloronaphthalene	9.34	162	487232	45.305 ng		97
47) 2-Nitroaniline	9.44	65	138856	42.167 ng		92
48) Acenaphthylene	9.76	152	699750	42.504 ng		99
49) Dimethylphthalate	9.61	163	589287	46.848 ng		100
50) 2,6-Dinitrotoluene	9.68	165	113361	41.396 ng	#	83
51) Acenaphthene	9.93	154	407551	39.080 ng		99
52) 3-Nitroaniline	9.85	138	86274	27.019 ng		89
53) 2,4-Dinitrophenol	9.97	184	9055	11.716 ng		88
54) Dibenzofuran	10.10	168	599648	43.186 ng		99
55) 4-Nitrophenol	10.02	139	133425	49.417 ng		89
56) 2,4-Dinitrotoluene	10.09	165	127666	35.921 ng	#	90
57) Fluorene	10.44	166	453677	40.650 ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	100289	41.303 ng		96
59) Diethylphthalate	10.31	149	534459	43.483 ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	214222	42.731 ng		97
61) 4-Nitroaniline	10.46	138	115764	37.579 ng		89
62) Azobenzene	10.59	77	444778	39.356 ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	9120	6.192 ng		80
65) n-Nitrosodiphenylamine	10.55	169	400346	47.737 ng		99
66) 4-Bromophenyl-phenylether	10.92	248	114118	48.159 ng		99
67) Hexachlorobenzene	10.99	284	109106	43.110 ng		99
68) Atrazine	11.07	200	114250	45.279 ng		100
69) Pentachlorophenol	11.19	266	101633	64.525 ng		99
70) Phenanthrene	11.40	178	574151	44.308 ng		98
71) Anthracene	11.46	178	591218	44.591 ng		99
72) Carbazole	11.61	167	544471	41.935 ng		99
73) Di-n-butylphthalate	11.93	149	710790	45.481 ng		99
74) Fluoranthene	12.59	202	588712	44.866 ng		99
76) Benzidine	12.71	184	172703	23.539 ng		97
77) Pyrene	12.82	202	619391	40.948 ng		99
79) Butylbenzylphthalate	13.43	149	294013	41.357 ng		95
80) Benzo(a)anthracene	14.01	228	532591	44.339 ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	169998	38.606 ng		99
82) Chrysene	14.04	228	504072	44.079 ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	415459	42.442 ng	#	99
84) Di-n-octyl phthalate	14.59	149	754643	47.877 ng		96
85) Indeno(1,2,3-cd)pyrene	16.98	276	354971	38.803 ng		96
87) Benzo(b)fluoranthene	15.06	252	442152	45.782 ng		97
88) Benzo(k)fluoranthene	15.09	252	419572	43.984 ng		100
89) Benzo(a)pyrene	15.43	252	392222	44.243 ng		99
90) Dibenzo(a,h)anthracene	16.99	278	298396	42.058 ng		97
91) Benzo(g,h,i)perylene	17.43	276	287213	40.954 ng		96

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

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