Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028688.D
Acq On : 13 Sep 2017 3:05
Operator : SJ/JU
Sample : I5189-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-03-090817MS

Quant Time: Sep 13 04:11:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	27870	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	123774	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	98342	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	259861	20.00	ng		0.00
75) Chrysene-d12	22.03	240	298237	20.00	ng		0.00
86) Perylene-d12	25.53	264	297522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	132371	78.37	ng		0.00
7) Phenol-d6	7.48	99	121177	47.65	ng		0.00
23) Nitrobenzene-d5	9.50	82	282839	109.31	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	276763	170.16	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	753262	102.14	ng		0.00
78) Terphenyl-d14	20.28	244	1337293	95.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	10863	15.882	ng		95
3) Pyridine	4.23	79	24326	12.468	ng		90
4) n-Nitrosodimethylamine	4.15	42	17024	19.181	ng	#	69
6) Aniline	7.65	93	75151	25.392	ng		99
8) 2-Chlorophenol	7.90	128	80748	42.885	ng		94
9) Benzaldehyde	7.47	77	70675	44.795	ng		95
10) Phenol	7.51	94	41532	15.475	ng		91
11) bis(2-Chloroethyl)ether	7.74	93	93837	48.699	ng		91
12) 1,3-Dichlorobenzene	8.22	146	89268	44.029	ng		96
13) 1,4-Dichlorobenzene	8.36	146	90897	43.599	ng		98
14) 1,2-Dichlorobenzene	8.69	146	91608	44.476	ng		95
15) Benzyl Alcohol	8.56	79	63905	32.191	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.85	45	172741	49.327	ng		99
17) 2-Methylphenol	8.77	107	62840	35.831	ng		94
18) Hexachloroethane	9.42	117	33999	44.494	ng		92
19) n-Nitroso-di-n-propylamine	9.13	70	91042	50.502	ng	#	87
20) 3+4-Methylphenols	9.09	107	79525	32.419	ng		92
22) Acetophenone	9.16	105	168916	46.674	ng	#	88
24) Nitrobenzene	9.55	77	137980	48.159	ng		92
25) Isophorone	10.06	82	265046	50.626	ng		98
26) 2-Nitrophenol	10.26	139	56744	46.535	ng		95
27) 2,4-Dimethylphenol	10.30	122	92870	41.666	ng		98
28) bis(2-Chloroethoxy)methane	10.53	93	143630	50.520	ng		95
29) 2,4-Dichlorophenol	10.80	162	106254	47.912	ng		94
30) 1,2,4-Trichlorobenzene	11.01	180	115755	45.754	ng		98
31) Naphthalene	11.20	128	316748	48.998	ng		98
32) Benzoic acid	10.42	122	14016	13.818	ng	#	79
33) 4-Chloroaniline	11.31	127	82794	30.573	ng	#	90
34) Hexachlorobutadiene	11.47	225	77836	41.770	ng		95
35) Caprolactam	12.10	113	5906	7.426	ng	#	84
36) 4-Chloro-3-methylphenol	12.41	107	132735	45.990	ng		99
37) 2-Methylnaphthalene	12.78	142	261525	54.186	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	168409	41.649	ng		97
40) Hexachlorocyclopentadiene	13.12	237	146350	91.916	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	117969	45.967	ng		93
43) 2,4,5-Trichlorophenol	13.46	196	124659	48.340	ng	#	87
45) 1,1'-Biphenyl	13.78	154	366116	44.964	ng		94
46) 2-Chloronaphthalene	13.83	162	284302	47.871	ng		98
47) 2-Nitroaniline	14.03	65	116717	52.881	ng		95
48) Acenaphthylene	14.67	152	459733	48.454	ng		95
49) Dimethylphthalate	14.39	163	421742	51.142	ng		99
50) 2,6-Dinitrotoluene	14.52	165	97905	53.356	ng	#	82
51) Acenaphthene	15.01	154	283867	49.251	ng		95
52) 3-Nitroaniline	14.86	138	57066	35.168	ng		91
53) 2,4-Dinitrophenol	15.07	184	86234	88.269	ng		97
54) Dibenzofuran	15.34	168	502848	54.708	ng		92
55) 4-Nitrophenol	15.17	139	42711	35.926	ng	#	79
56) 2,4-Dinitrotoluene	15.31	165	139535	54.082	ng	#	85
57) Fluorene	15.99	166	428008	52.159	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	130965	57.623	ng	#	92
59) Diethylphthalate	15.74	149	445195	52.533	ng		100
60) 4-Chlorophenyl-phenylether	15.97	204	240351	51.439	ng		91
61) 4-Nitroaniline	16.02	138	85825	49.925	ng		89
62) Azobenzene	16.27	77	404596	56.767	ng		90
64) 4,6-Dinitro-2-methylphenol	16.08	198	76253	45.476	ng		99
65) n-Nitrosodiphenylamine	16.19	169	365485	49.063	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	172325	51.537	ng		98
67) Hexachlorobenzene	17.00	284	180017	47.303	ng	#	87
68) Atrazine	17.13	200	158733	49.627	ng		98
69) Pentachlorophenol	17.35	266	164102	95.438	ng		96
70) Phenanthrene	17.74	178	696647	52.424	ng		94
71) Anthracene	17.83	178	704261	52.463	ng		98
72) Carbazole	18.10	167	616224	50.970	ng	#	93
73) Di-n-butylphthalate	18.62	149	746882	50.382	ng	#	94
74) Fluoranthene	19.74	202	859256	52.956	ng		92
76) Benzidine	19.91	184	195295	25.252	ng		95
77) Pyrene	20.10	202	882295	51.289	ng		94
79) Butylbenzylphthalate	20.96	149	349561	50.315	ng		92
80) Benzo(a)anthracene	22.01	228	919594	51.226	ng		95
81) 3,3'-Dichlorobenzidine	21.91	252	294702	40.490	ng		98
82) Chrysene	22.08	228	864268	50.740	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	486379	49.243	ng		99
84) Di-n-octyl phthalate	23.16	149	845128	48.973	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.57	276	1107596	50.609	ng	#	96
87) Benzo(b)fluoranthene	24.41	252	931054	52.232	ng		98
88) Benzo(k)fluoranthene	24.49	252	931670	52.326	ng		95
89) Benzo(a)pyrene	25.37	252	900038	53.195	ng		96
90) Dibenzo(a,h)anthracene	29.62	278	937931	53.172	ng		99
91) Benzo(g,h,i)perylene	30.84	276	907267	52.713	ng		99

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

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