Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092017\
Data File : BG028839.D
Acq On : 20 Sep 2017 19:52
Operator : SJ/JU
Sample : I5281-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2-EWMS

Quant Time: Sep 21 04:14:58 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	8.28	152	35423	20.00	ng		-0.05
21) Naphthalene-d8	11.11	136	151806	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	106837	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	274039	20.00	ng		-0.04
75) Chrysene-d12	21.99	240	316939	20.00	ng		-0.04
86) Perylene-d12	25.45	264	319350	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	143243	66.72	ng		-0.04
7) Phenol-d6	7.44	99	127617	39.48	ng		-0.05
23) Nitrobenzene-d5	9.46	82	304709	96.02	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	261881	148.21	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	782450	97.66	ng		-0.04
78) Terphenyl-d14	20.25	244	1298057	87.34	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	14951	17.198	ng	#	93
3) Pyridine	4.19	79	35087	14.149	ng		87
4) n-Nitrosodimethylamine	4.10	42	21576	19.126	ng	#	52
6) Aniline	7.61	93	94914	25.231	ng		96
8) 2-Chlorophenol	7.86	128	99012	41.373	ng		88
9) Benzaldehyde	7.43	77	49107	24.488	ng		90
10) Phenol	7.47	94	47685	13.979	ng		88
11) bis(2-Chloroethyl)ether	7.70	93	115771	47.272	ng		88
12) 1,3-Dichlorobenzene	8.18	146	112222	43.548	ng		90
13) 1,4-Dichlorobenzene	8.32	146	118033	44.543	ng		98
14) 1,2-Dichlorobenzene	8.65	146	114705	43.816	ng		99
15) Benzyl Alcohol	8.52	79	74574	29.555	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.81	45	201310	45.228	ng		97
17) 2-Methylphenol	8.73	107	70759	31.744	ng		93
18) Hexachloroethane	9.37	117	41071	42.289	ng	#	81
19) n-Nitroso-di-n-propylamine	9.09	70	102385	44.684	ng	#	92
20) 3+4-Methylphenols	9.05	107	90654	29.076	ng		93
22) Acetophenone	9.11	105	196783	44.334	ng	#	87
24) Nitrobenzene	9.50	77	157419	44.798	ng		92
25) Isophorone	10.02	82	283737	44.189	ng		97
26) 2-Nitrophenol	10.21	139	65360	43.703	ng		94
27) 2,4-Dimethylphenol	10.26	122	111661	40.846	ng		92
28) bis(2-Chloroethoxy)methane	10.50	93	164624	47.212	ng		96
29) 2,4-Dichlorophenol	10.76	162	124428	45.746	ng		92
30) 1,2,4-Trichlorobenzene	10.97	180	138844	44.746	ng		99
31) Naphthalene	11.16	128	366506	46.226	ng		98
32) Benzoic acid	10.38	122	11855	11.418	ng	#	82
33) 4-Chloroaniline	11.27	127	88459	26.633	ng		94
34) Hexachlorobutadiene	11.43	225	95840	41.935	ng		95
35) Caprolactam	12.05	113	5795	5.941	ng	#	74
36) 4-Chloro-3-methylphenol	12.37	107	136573	38.582	ng		95
37) 2-Methylnaphthalene	12.75	142	296027	50.009	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	193298	44.003	ng	#	95
40) Hexachlorocyclopentadiene	13.08	237	168778	97.106	ng		96

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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)
42) 2,4,6-Trichlorophenol	13.35	196	122331	43.877	ng		93
43) 2,4,5-Trichlorophenol	13.42	196	130580	46.610	ng	#	91
45) 1,1'-Biphenyl	13.74	154	398949	45.101	ng		97
46) 2-Chloronaphthalene	13.79	162	309095	47.908	ng		98
47) 2-Nitroaniline	14.00	65	117524	49.012	ng		90
48) Acenaphthylene	14.63	152	491744	47.706	ng		96
49) Dimethylphthalate	14.35	163	425864	47.535	ng		99
50) 2,6-Dinitrotoluene	14.49	165	101886	51.110	ng	#	74
51) Acenaphthene	14.97	154	303323	48.442	ng		97
52) 3-Nitroaniline	14.82	138	62759	35.601	ng		91
53) 2,4-Dinitrophenol	15.03	184	96704	90.857	ng		93
54) Dibenzofuran	15.31	168	525440	52.621	ng		92
55) 4-Nitrophenol	15.13	139	39769	30.792	ng	#	77
56) 2,4-Dinitrotoluene	15.27	165	140903	50.269	ng	#	86
57) Fluorene	15.96	166	443098	49.704	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	129962	52.635	ng	#	92
59) Diethylphthalate	15.70	149	442581	48.072	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	252828	49.806	ng		93
61) 4-Nitroaniline	15.98	138	87576	46.893	ng	#	81
62) Azobenzene	16.23	77	408322	52.734	ng		92
64) 4,6-Dinitro-2-methylphenol	16.04	198	85871	48.562	ng		96
65) n-Nitrosodiphenylamine	16.16	169	381575	48.573	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	173724	49.268	ng		91
67) Hexachlorobenzene	16.97	284	187980	46.840	ng	#	85
68) Atrazine	17.10	200	169331	50.202	ng		99
69) Pentachlorophenol	17.31	266	167918	92.605	ng		99
70) Phenanthrene	17.71	178	719777	51.362	ng		93
71) Anthracene	17.79	178	732922	51.774	ng		97
72) Carbazole	18.06	167	633470	49.685	ng		94
73) Di-n-butylphthalate	18.59	149	764923	48.930	ng	#	93
74) Fluoranthene	19.70	202	899350	52.560	ng		93
76) Benzidine	19.88	184	184531	22.452	ng		96
77) Pyrene	20.07	202	911837	49.878	ng		97
79) Butylbenzylphthalate	20.93	149	351375	47.591	ng		91
80) Benzo(a)anthracene	21.97	228	944740	49.521	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	286899	37.092	ng	#	97
82) Chrysene	22.04	228	892532	49.307	ng		98
83) Bis(2-ethylhexyl)phthalate	21.82	149	494024	47.066	ng		97
84) Di-n-octyl phthalate	23.11	149	856562	46.707	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.45	276	1132995	48.715	ng	#	97
87) Benzo(b)fluoranthene	24.35	252	980531	51.248	ng		96
88) Benzo(k)fluoranthene	24.42	252	944859m	49.439	ng		
89) Benzo(a)pyrene	25.30	252	940028	51.761	ng		97
90) Dibenzo(a,h)anthracene	29.50	278	961818	50.799	ng		96
91) Benzo(g,h,i)perylene	30.70	276	926959	50.175	ng		99

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

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