Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029026.D
Acq On : 4 Oct 2017 5:12
Operator : SJ/JU
Sample : I5584-04MS
Misc :
ALS Vial : 23 Sample Multiplier: 2

Instrument : BNA_G
ClientSampleId : TP-1-COMPMS

Manual Integrations APPROVED
Sohil
10/4/2017 4:58:13 PM

Quant Time: Oct 04 07:43:46 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	8.24	152	77433	40.00	ng		-0.09
21) Naphthalene-d8	11.06	136	309143	40.00	ng		-0.09
38) Acenaphthene-d10	14.86	164	217730	40.00	ng		-0.08
63) Phenanthrene-d10	17.61	188	589514	40.00	ng		-0.08
75) Chrysene-d12	21.93	240	678426	40.00	ng		-0.10
86) Perylene-d12	25.35	264	667747	40.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	337421	143.80	ng		-0.09
7) Phenol-d6	7.40	99	440282	124.63	ng		-0.09
23) Nitrobenzene-d5	9.41	82	314621	97.37	ng		-0.09
41) 2,4,6-Tribromophenol	16.36	330	287083	159.44	ng		-0.08
44) 2-Fluorobiphenyl	13.48	172	751146	92.00	ng		-0.08
78) Terphenyl-d14	20.21	244	1536327	96.59	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.73	88	35001	36.836	ng	#	90
3) Pyridine	4.13	79	81523	30.077	ng	#	93
4) n-Nitrosodimethylamine	4.04	42	57322	46.491	ng	#	82
6) Aniline	7.57	93	75556	18.377	ng		96
8) 2-Chlorophenol	7.81	128	111279	42.543	ng		92
9) Benzaldehyde	7.38	77	58479	26.681	ng		94
10) Phenol	7.43	94	141179	37.866	ng		88
11) bis(2-Chloroethyl)ether	7.66	93	109201	40.796	ng		94
12) 1,3-Dichlorobenzene	8.13	146	116662m	41.420	ng		
13) 1,4-Dichlorobenzene	8.28	146	119918	41.405	ng		97
14) 1,2-Dichlorobenzene	8.60	146	115825	40.480	ng		98
15) Benzyl Alcohol	8.48	79	122312	44.351	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.75	45	203851	41.903	ng		97
17) 2-Methylphenol	8.68	107	101434	41.634	ng		90
18) Hexachloroethane	9.32	117	45014	42.406	ng		87
19) n-Nitroso-di-n-propylamine	9.04	70	98947	39.510	ng		93
20) 3+4-Methylphenols	9.01	107	137497	40.349	ng		94
22) Acetophenone	9.07	105	184234	40.764	ng	#	88
24) Nitrobenzene	9.45	77	152700	42.678	ng		97
25) Isophorone	9.97	82	274066	41.919	ng		98
26) 2-Nitrophenol	10.17	139	61995	40.712	ng		95
27) 2,4-Dimethylphenol	10.22	122	112197	40.308	ng		98
28) bis(2-Chloroethoxy)methane	10.45	93	151650	42.713	ng		99
29) 2,4-Dichlorophenol	10.72	162	121957	44.036	ng		94
30) 1,2,4-Trichlorobenzene	10.92	180	132562	41.958	ng		96
31) Naphthalene	11.11	128	350890	43.465	ng		99
32) Benzoic acid	10.38	122	55769	36.807	ng		86
33) 4-Chloroaniline	11.26	127	8893	2.630	ng	#	74
34) Hexachlorobutadiene	11.38	225	93130	40.020	ng		97
35) Caprolactam	12.01	113	39073m	39.343	ng		
36) 4-Chloro-3-methylphenol	12.34	107	147777	41.000	ng		98
37) 2-Methylnaphthalene	12.70	142	264573	43.895	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	176826	39.504	ng		94
40) Hexachlorocyclopentadiene	13.04	237	142368	89.297	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	116527	41.016	ng		89
43) 2,4,5-Trichlorophenol	13.39	196	125400	43.927	ng	#	88
45) 1,1'-Biphenyl	13.70	154	367875	40.813	ng		98
46) 2-Chloronaphthalene	13.74	162	281748	42.856	ng		99
47) 2-Nitroaniline	13.95	65	113169	46.317	ng		89
48) Acenaphthylene	14.59	152	466392	44.404	ng		97
49) Dimethylphthalate	14.31	163	415763	45.543	ng		97
50) 2,6-Dinitrotoluene	14.44	165	93549	46.054	ng	#	81
51) Acenaphthene	14.93	154	277167	43.440	ng		97
52) 3-Nitroaniline	14.78	138	33381	18.583	ng		96
53) 2,4-Dinitrophenol	14.99	184	90612	92.193	ng		98
54) Dibenzofuran	15.26	168	482288	47.399	ng		92
55) 4-Nitrophenol	15.09	139	125990	95.732	ng	#	74
56) 2,4-Dinitrotoluene	15.23	165	141373	49.497	ng	#	86
57) Fluorene	15.91	166	414744	45.657	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	130683	51.941	ng	#	93
59) Diethylphthalate	15.66	149	438581	46.750	ng		99
60) 4-Chlorophenyl-phenylether	15.89	204	231779	44.809	ng		91
61) 4-Nitroaniline	15.95	138	92394	48.551	ng	#	84
62) Azobenzene	16.19	77	402435	51.006	ng		93
64) 4,6-Dinitro-2-methylphenol	16.00	198	75769	39.837	ng		93
65) n-Nitrosodiphenylamine	16.11	169	361775	42.815	ng		97
66) 4-Bromophenyl-phenylether	16.79	248	165716	43.693	ng		96
67) Hexachlorobenzene	16.92	284	174518	40.429	ng	#	90
68) Atrazine	17.06	200	170339	46.951	ng		98
69) Pentachlorophenol	17.27	266	180094	92.339	ng		96
70) Phenanthrene	17.66	178	693551	46.012	ng		94
71) Anthracene	17.75	178	711614	46.735	ng		98
72) Carbazole	18.03	167	643938	46.956	ng		95
73) Di-n-butylphthalate	18.55	149	774832	46.080	ng	#	94
74) Fluoranthene	19.66	202	897664	48.774	ng		93
76) Benzidine	19.84	184	122562	13.933	ng	#	95
77) Pyrene	20.02	202	925129	47.283	ng		96
79) Butylbenzylphthalate	20.89	149	352750	44.640	ng		90
80) Benzo(a)anthracene	21.90	228	945594	46.311	ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	177959	21.497	ng	#	96
82) Chrysene	21.98	228	881480	45.499	ng		96
83) Bis(2-ethylhexyl)phthalate	21.77	149	484685	43.144	ng		100
84) Di-n-octyl phthalate	23.04	149	806907	41.110	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.28	276	1070181	42.992	ng	#	79
87) Benzo(b)fluoranthene	24.26	252	902335	45.110	ng		98
88) Benzo(k)fluoranthene	24.32	252	909868	45.538	ng		95
89) Benzo(a)pyrene	25.19	252	877748	46.229	ng		99
90) Dibenzo(a,h)anthracene	29.33	278	903118	45.624	ng		100
91) Benzo(g,h,i)perylene	30.52	276	879660	45.544	ng		100

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

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