Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG034008.D
Acq On : 26 Apr 2018 5:23
Operator : SJ/JU
Sample : J2155-08MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-042418-AMSD

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:50 PM

Quant Time: Apr 26 07:40:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	64579	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	302260	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	216240	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	555060	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	573764	20.00	ng		-0.02
86) Perylene-d12	24.53	264	592948	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	552584	136.61	ng		0.00
7) Phenol-d6	7.00	99	710667	120.46	ng		0.00
23) Nitrobenzene-d5	8.98	82	511901	96.38	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	420964	166.86	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1318447	89.57	ng		-0.02
78) Terphenyl-d14	19.85	244	2310694	90.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	54443	31.853	ng	#	90
3) Pyridine	3.81	79	173799	35.144	ng		93
4) n-Nitrosodimethylamine	3.72	42	95577	42.422	ng	#	89
6) Aniline	7.16	93	184571	23.404	ng		98
8) 2-Chlorophenol	7.40	128	221420	48.853	ng		92
9) Benzaldehyde	6.97	77	86902	24.974	ng		98
10) Phenol	7.02	94	257776	42.650	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	205860	44.534	ng		94
12) 1,3-Dichlorobenzene	7.72	146	216414	41.478	ng		97
13) 1,4-Dichlorobenzene	7.87	146	222706	42.143	ng		98
14) 1,2-Dichlorobenzene	8.18	146	215686	41.970	ng		97
15) Benzyl Alcohol	8.06	79	230815	44.866	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.36	45	338529	37.548	ng		97
17) 2-Methylphenol	8.26	107	197363	44.065	ng		94
18) Hexachloroethane	8.90	117	79539	41.189	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	197992	39.370	ng	#	97
20) 3+4-Methylphenols	8.59	107	276860	42.542	ng		97
22) Acetophenone	8.64	105	348386	42.348	ng	#	94
24) Nitrobenzene	9.02	77	269805	46.617	ng		94
25) Isophorone	9.55	82	538111	45.064	ng	#	93
26) 2-Nitrophenol	9.73	139	134831	58.960	ng		93
27) 2,4-Dimethylphenol	9.79	122	232663	54.393	ng		92
28) bis(2-Chloroethoxy)methane	10.03	93	310069	49.132	ng		96
29) 2,4-Dichlorophenol	10.26	162	263638	55.289	ng		94
30) 1,2,4-Trichlorobenzene	10.47	180	249111	46.644	ng		98
31) Naphthalene	10.66	128	712719	45.853	ng		98
32) Benzoic acid	9.91	122	125389	31.381	ng		86
33) 4-Chloroaniline	10.77	127	35299	4.832	ng		97
34) Hexachlorobutadiene	10.95	225	151219	47.331	ng		96
35) Caprolactam	11.55	113	79343m	39.137	ng		
36) 4-Chloro-3-methylphenol	11.90	107	278987	47.938	ng	#	86
37) 2-Methylnaphthalene	12.27	142	551339	46.329	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	334027	46.519	ng		99
40) Hexachlorocyclopentadiene	12.62	237	382460	96.871	ng		92

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Quant Time: Apr 26 07:40:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	232837	53.184	ng		97
43) 2,4,5-Trichlorophenol	12.96	196	256586	50.980	ng		96
45) 1,1'-Biphenyl	13.29	154	766191	43.771	ng		98
46) 2-Chloronaphthalene	13.33	162	593044	44.682	ng		99
47) 2-Nitroaniline	13.53	65	204728	49.402	ng		91
48) Acenaphthylene	14.18	152	942963	42.741	ng		98
49) Dimethylphthalate	13.92	163	840650	44.195	ng		98
50) 2,6-Dinitrotoluene	14.04	165	192896	53.511	ng	#	79
51) Acenaphthene	14.52	154	592496	42.750	ng		97
52) 3-Nitroaniline	14.36	138	78066	19.944	ng	#	85
53) 2,4-Dinitrophenol	14.57	184	161191	125.036	ng	#	55
54) Dibenzofuran	14.86	168	947644	46.120	ng		96
55) 4-Nitrophenol	14.67	139	315637	102.818	ng		89
56) 2,4-Dinitrotoluene	14.83	165	277234	57.835	ng	#	81
57) Fluorene	15.51	166	804036	45.219	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	261760	56.801	ng		95
59) Diethylphthalate	15.30	149	868101	43.176	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	444369	47.781	ng		97
61) 4-Nitroaniline	15.54	138	202649	48.761	ng		90
62) Azobenzene	15.80	77	742036	41.402	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	128922	48.203	ng		88
65) n-Nitrosodiphenylamine	15.73	169	713207	44.196	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	292346	47.959	ng		98
67) Hexachlorobenzene	16.51	284	302975	46.606	ng		98
68) Atrazine	16.68	200	322126	50.954	ng		98
69) Pentachlorophenol	16.86	266	398611	89.267	ng	#	57
70) Phenanthrene	17.25	178	1315346	44.173	ng		97
71) Anthracene	17.35	178	1363760	45.797	ng		98
72) Carbazole	17.62	167	1257114	43.759	ng		96
73) Di-n-butylphthalate	18.19	149	1516836	42.442	ng		98
74) Fluoranthene	19.28	202	1662984	46.169	ng		95
76) Benzidine	19.46	184	305384	19.710	ng		98
77) Pyrene	19.63	202	1648686	43.810	ng		94
79) Butylbenzylphthalate	20.55	149	704655	42.638	ng		89
80) Benzo(a)anthracene	21.45	228	1629922	45.050	ng		96
81) 3,3'-Dichlorobenzidine	21.37	252	318997	23.646	ng		98
82) Chrysene	21.51	228	1541963	44.631	ng		95
83) Bis(2-ethylhexyl)phthalate	21.39	149	966949	41.429	ng		100
84) Di-n-octyl phthalate	22.55	149	1644000	44.377	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1937121	49.256	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1665554	46.044	ng		99
88) Benzo(k)fluoranthene	23.63	252	1639302	45.623	ng		96
89) Benzo(a)pyrene	24.39	252	1637158	47.258	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1597815	47.665	ng		96
91) Benzo(g,h,i)perylene	29.08	276	1594411	48.338	ng		98

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

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