Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034123.D
Acq On : 2 May 2018 19:29
Operator : SJ/JU
Sample : J2157-14MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-043018-AMS

Manual Integrations APPROVED

Quant Time: May 03 05:16:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Sohil

5/3/2018 4:59:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76135	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	289424	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	231104	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	617888	20.00	ng		0.00
75) Chrysene-d12	21.77	240	681114	20.00	ng		0.00
86) Perylene-d12	25.05	264	712319	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	684010	145.15	ng		0.00
7) Phenol-d6	7.22	99	943569	128.62	ng		0.00
23) Nitrobenzene-d5	9.24	82	770290	102.11	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	480883	150.27	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1474506	92.97	ng		0.00
78) Terphenyl-d14	20.09	244	2910503	93.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	81272	41.070	ng	#	81
3) Pyridine	3.96	79	206441	33.249	ng	#	78
4) n-Nitrosodimethylamine	3.86	42	164672	48.640	ng	#	79
6) Aniline	7.39	93	118584	11.884	ng		98
8) 2-Chlorophenol	7.64	128	229124	48.727	ng		88
9) Benzaldehyde	7.21	77	79392	15.877	ng		95
10) Phenol	7.25	94	335341	45.320	ng		79
11) bis(2-Chloroethyl)ether	7.49	93	265685	45.609	ng		98
12) 1,3-Dichlorobenzene	7.96	146	249139	41.880	ng	#	84
13) 1,4-Dichlorobenzene	8.11	146	258021	43.672	ng		91
14) 1,2-Dichlorobenzene	8.43	146	246413m	43.908	ng		
15) Benzyl Alcohol	8.31	79	376969	48.169	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.60	45	357266	44.575	ng		82
17) 2-Methylphenol	8.51	107	227801	46.788	ng	#	77
18) Hexachloroethane	9.16	117	108147	43.028	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	271008	41.135	ng		95
20) 3+4-Methylphenols	8.83	107	307216	42.605	ng		81
22) Acetophenone	8.90	105	438305	44.459	ng		93
24) Nitrobenzene	9.28	77	409566	49.602	ng	#	85
25) Isophorone	9.80	82	737349	47.916	ng	#	96
26) 2-Nitrophenol	10.00	139	126556	55.367	ng	#	64
27) 2,4-Dimethylphenol	10.05	122	258522	58.340	ng		89
28) bis(2-Chloroethoxy)methane	10.29	93	378266	50.044	ng		98
29) 2,4-Dichlorophenol	10.53	162	279563	52.779	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	304148	47.687	ng		93
31) Naphthalene	10.94	128	720275	47.347	ng		100
32) Benzoic acid	10.18	122	154411	40.374	ng	#	73
33) 4-Chloroaniline	11.04	127	12014	1.751	ng		97
34) Hexachlorobutadiene	11.23	225	255423	47.314	ng		98
35) Caprolactam	11.81	113	73988m	39.326	ng		
36) 4-Chloro-3-methylphenol	12.16	107	354094	51.556	ng		91
37) 2-Methylnaphthalene	12.55	142	580312	47.046	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	412530	46.130	ng	#	98
40) Hexachlorocyclopentadiene	12.89	237	568692	107.322	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	270069	51.978 ng		95
43) 2,4,5-Trichlorophenol	13.22	196	287769	50.099 ng	#	89
45) 1,1'-Biphenyl	13.55	154	813878	45.081 ng		99
46) 2-Chloronaphthalene	13.59	162	635900	46.524 ng		95
47) 2-Nitroaniline	13.79	65	275431	50.403 ng	#	82
48) Acenaphthylene	14.44	152	973646	44.617 ng		99
49) Dimethylphthalate	14.17	163	913436	45.581 ng	#	99
50) 2,6-Dinitrotoluene	14.29	165	204642	53.170 ng	#	80
51) Acenaphthene	14.78	154	647186	43.636 ng		97
52) 3-Nitroaniline	14.62	138	25253	6.510 ng	#	77
53) 2,4-Dinitrophenol	14.82	184	237698	157.866 ng	#	72
54) Dibenzofuran	15.12	168	1009382	46.945 ng		91
55) 4-Nitrophenol	14.91	139	296766	100.225 ng	#	40
56) 2,4-Dinitrotoluene	15.07	165	288381	55.181 ng		88
57) Fluorene	15.77	166	849210	45.314 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	317256	53.390 ng		95
59) Diethylphthalate	15.54	149	956678	45.113 ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	527063	47.274 ng		94
61) 4-Nitroaniline	15.78	138	165964	40.331 ng	#	43
62) Azobenzene	16.05	77	1061976	46.358 ng		93
64) 4,6-Dinitro-2-methylphenol	15.84	198	164478	56.615 ng		94
65) n-Nitrosodiphenylamine	15.97	169	773779	45.927 ng		99
66) 4-Bromophenyl-phenylether	16.66	248	358529	46.735 ng		96
67) Hexachlorobenzene	16.77	284	358640	46.055 ng	#	93
68) Atrazine	16.92	200	346508	Below Cal		95
69) Pentachlorophenol	17.11	266	507314	93.468 ng		98
70) Phenanthrene	17.51	178	1484769	46.765 ng		97
71) Anthracene	17.61	178	1519712	47.228 ng		99
72) Carbazole	17.87	167	1370307	46.519 ng	#	95
73) Di-n-butylphthalate	18.44	149	1602501	45.196 ng	#	96
74) Fluoranthene	19.52	202	1924187	47.960 ng		93
76) Benzidine	19.72	184	139373m	7.944 ng		
77) Pyrene	19.88	202	1915398	44.885 ng		96
79) Butylbenzylphthalate	20.78	149	765222	45.935 ng		86
80) Benzo(a)anthracene	21.74	228	2068744	47.393 ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	303605	18.393 ng	#	98
82) Chrysene	21.81	228	1938792	46.405 ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	1042679	45.478 ng		98
84) Di-n-octyl phthalate	22.92	149	1795396	49.029 ng		99
85) Indeno(1,2,3-cd)pyrene	28.82	276	2348921	51.087 ng	#	87
87) Benzo(b)fluoranthene	24.01	252	2147121	47.718 ng	#	95
88) Benzo(k)fluoranthene	24.08	252	1987339	46.211 ng	#	95
89) Benzo(a)pyrene	24.90	252	2030227	48.227 ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	1933091	48.713 ng	#	94
91) Benzo(g,h,i)perylene	30.00	276	1942490	49.663 ng	#	91

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5/3/2018 4:59:33 PM

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

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