Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035337.D
Acq On : 22 Jun 2018 17:27
Operator : JU/SJ
Sample : J3246-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MS

Manual Integrations APPROVED
Sohil
6/25/2018 5:19:08 PM

Quant Time: Jun 22 18:55:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53292	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	187877	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	129781	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	351034	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	387802	20.00	ng	-0.03
86) Perylene-d12	24.91	264	376486	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	440142	139.38	ng	-0.01
7) Phenol-d6	7.22	99	574305	123.22	ng	0.00
23) Nitrobenzene-d5	9.22	82	458371	115.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	330254	198.79	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	993691	99.54	ng	-0.02
78) Terphenyl-d14	20.03	244	1898036	102.52	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	56668	37.611	ng	# 70
3) Pyridine	3.96	79	138046	33.958	ng	# 69
4) n-Nitrosodimethylamine	3.86	42	62492	35.782	ng	# 69
6) Aniline	7.38	93	108285	17.974	ng	92
8) 2-Chlorophenol	7.62	128	154705	46.738	ng	93
9) Benzaldehyde	7.19	77	83183	23.170	ng	98
10) Phenol	7.24	94	192310	39.871	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	163385	43.642	ng	89
12) 1,3-Dichlorobenzene	7.95	146	177388	44.915	ng	97
13) 1,4-Dichlorobenzene	8.09	146	178031	43.667	ng	97
14) 1,2-Dichlorobenzene	8.41	146	170233	44.453	ng	95
15) Benzyl Alcohol	8.29	79	189373	42.880	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	180414	48.419	ng	76
17) 2-Methylphenol	8.49	107	149240	46.930	ng	# 88
18) Hexachloroethane	9.14	117	66106	45.291	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	148965	37.620	ng	# 83
20) 3+4-Methylphenols	8.82	107	205505	45.085	ng	92
22) Acetophenone	8.87	105	274052	47.089	ng	# 90
24) Nitrobenzene	9.26	77	226050	55.851	ng	93
25) Isophorone	9.78	82	432618	51.843	ng	98
26) 2-Nitrophenol	9.97	139	89704	64.300	ng	# 91
27) 2,4-Dimethylphenol	10.03	122	162126	55.288	ng	87
28) bis(2-Chloroethoxy)methane	10.26	93	225218	50.223	ng	98
29) 2,4-Dichlorophenol	10.50	162	184146	57.713	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	200603	52.432	ng	97
31) Naphthalene	10.91	128	491167	50.324	ng	97
32) Benzoic acid	10.17	122	95122	48.429	ng	92
33) 4-Chloroaniline	11.02	127	16107	3.801	ng	# 89
34) Hexachlorobutadiene	11.19	225	151589	50.946	ng	95
35) Caprolactam	11.79	113	43102m	36.552	ng	
36) 4-Chloro-3-methylphenol	12.13	107	216461	54.423	ng	96
37) 2-Methylnaphthalene	12.51	142	386159	52.186	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	264300	54.675	ng	98
40) Hexachlorocyclopentadiene	12.85	237	346305	114.239	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	173209	59.840	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	189578	59.672	ng		94
45) 1,1'-Biphenyl	13.52	154	523309	50.146	ng		98
46) 2-Chloronaphthalene	13.56	162	408733	51.804	ng		97
47) 2-Nitroaniline	13.76	65	138809	59.578	ng		89
48) Acenaphthylene	14.40	152	690102	52.162	ng		99
49) Dimethylphthalate	14.13	163	569914	50.358	ng	#	99
50) 2,6-Dinitrotoluene	14.25	165	131493	63.688	ng		91
51) Acenaphthene	14.74	154	405208	46.877	ng		98
52) 3-Nitroaniline	14.58	138	48920	24.147	ng	#	93
53) 2,4-Dinitrophenol	14.78	184	157134	188.054	ng	#	63
54) Dibenzofuran	15.08	168	668673	51.650	ng		94
55) 4-Nitrophenol	14.88	139	174534	102.076	ng	#	87
56) 2,4-Dinitrotoluene	15.04	165	185423	67.607	ng	#	88
57) Fluorene	15.72	166	563132	52.048	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.30	232	198169	64.209	ng		92
59) Diethylphthalate	15.49	149	569943	49.361	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	324802	52.646	ng		96
61) 4-Nitroaniline	15.75	138	129766	59.725	ng	#	86
62) Azobenzene	16.01	77	559806	49.475	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	113923	71.081	ng		80
65) n-Nitrosodiphenylamine	15.93	169	502937	47.708	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	228219	53.987	ng		98
67) Hexachlorobenzene	16.73	284	229572	53.356	ng		95
68) Atrazine	16.88	200	236471	52.601	ng		92
69) Pentachlorophenol	17.07	266	289677	100.122	ng		96
70) Phenanthrene	17.46	178	928789	52.086	ng		99
71) Anthracene	17.56	178	936706	52.442	ng		97
72) Carbazole	17.82	167	878975	53.037	ng		98
73) Di-n-butylphthalate	18.38	149	983378	49.783	ng	#	98
74) Fluoranthene	19.47	202	1239338	53.411	ng		95
76) Benzidine	19.65	184	73480	5.093	ng		95
77) Pyrene	19.83	202	1238973	48.463	ng		97
79) Butylbenzylphthalate	20.71	149	458898	49.433	ng		96
80) Benzo(a)anthracene	21.67	228	1279951	51.649	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	251734	27.000	ng	#	98
82) Chrysene	21.73	228	1176823	51.866	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	619995	47.265	ng	#	99
84) Di-n-octyl phthalate	22.79	149	1069038	47.504	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1444358	54.353	ng	#	92
87) Benzo(b)fluoranthene	23.89	252	1252468	54.021	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1197380	52.795	ng	#	97
89) Benzo(a)pyrene	24.76	252	1212224	55.565	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	1173529	54.490	ng	#	95
91) Benzo(g,h,i)perylene	29.74	276	1199064	56.891	ng	#	93

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

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