Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035338.D
Acq On : 22 Jun 2018 18:06
Operator : JU/SJ
Sample : J3246-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Manual Integrations APPROVED
Sohil
6/25/2018 5:19:10 PM

Quant Time: Jun 22 22:20:13 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	8.05	152	51827	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	183030	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128530	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	344000	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	369847	20.00	ng	-0.03
86) Perylene-d12	24.91	264	364478	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448630	146.08	ng	0.00
7) Phenol-d6	7.22	99	610696	134.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	453403	117.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	333616	202.76	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	988175	99.95	ng	-0.02
78) Terphenyl-d14	20.03	244	1849434	104.74	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	56512	38.568	ng	# 72
3) Pyridine	3.96	79	151578	38.340	ng	# 69
4) n-Nitrosodimethylamine	3.86	42	68685	40.440	ng	# 75
6) Aniline	7.38	93	144049	24.586	ng	98
8) 2-Chlorophenol	7.62	128	155759	48.386	ng	94
9) Benzaldehyde	7.19	77	85139	24.386	ng	93
10) Phenol	7.25	94	203815	43.450	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	163115	44.802	ng	87
12) 1,3-Dichlorobenzene	7.95	146	179842	46.823	ng	98
13) 1,4-Dichlorobenzene	8.09	146	182461	46.019	ng	93
14) 1,2-Dichlorobenzene	8.41	146	168968	45.370	ng	97
15) Benzyl Alcohol	8.29	79	193844	45.133	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	171962	47.455	ng	77
17) 2-Methylphenol	8.49	107	153794	49.730	ng	91
18) Hexachloroethane	9.14	117	69109	48.687	ng	84
19) n-Nitroso-di-n-propylamine	8.86	70	150445	39.068	ng	# 84
20) 3+4-Methylphenols	8.82	107	212260	47.884	ng	93
22) Acetophenone	8.87	105	273569	48.251	ng	# 88
24) Nitrobenzene	9.26	77	220480	55.918	ng	93
25) Isophorone	9.78	82	428150	52.666	ng	99
26) 2-Nitrophenol	9.97	139	89056	65.526	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	162238	56.791	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	222999	51.045	ng	99
29) 2,4-Dichlorophenol	10.50	162	185841	59.787	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	198512	53.259	ng	96
31) Naphthalene	10.91	128	484339	50.939	ng	98
32) Benzoic acid	10.17	122	98670	51.566	ng	92
33) 4-Chloroaniline	11.02	127	26087	6.319	ng	92
34) Hexachlorobutadiene	11.19	225	155199	53.540	ng	97
35) Caprolactam	11.79	113	37199	32.381	ng	# 60
36) 4-Chloro-3-methylphenol	12.13	107	219372	56.615	ng	93
37) 2-Methylnaphthalene	12.51	142	385132	53.426	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	266263	55.617	ng	97
40) Hexachlorocyclopentadiene	12.86	237	355528	118.423	ng	93

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
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	13.11	196	175938	61.374	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	194312	61.757	ng		97
45) 1,1'-Biphenyl	13.52	154	520478	50.360	ng		97
46) 2-Chloronaphthalene	13.56	162	410822	52.575	ng		100
47) 2-Nitroaniline	13.76	65	143384	62.141	ng		90
48) Acenaphthylene	14.40	152	691034	52.741	ng		97
49) Dimethylphthalate	14.13	163	575923	51.384	ng	#	99
50) 2,6-Dinitrotoluene	14.25	165	136896	66.950	ng	#	85
51) Acenaphthene	14.74	154	408602	47.730	ng		99
52) 3-Nitroaniline	14.58	138	62406	31.103	ng	#	94
53) 2,4-Dinitrophenol	14.78	184	169019	204.247	ng	#	65
54) Dibenzofuran	15.08	168	667624	52.071	ng		93
55) 4-Nitrophenol	14.88	139	188841	111.518	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	196500	72.343	ng	#	87
57) Fluorene	15.72	166	568750	53.079	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	198383	64.904	ng	#	93
59) Diethylphthalate	15.49	149	577147	50.471	ng		96
60) 4-Chlorophenyl-phenylether	15.71	204	321597	52.633	ng		97
61) 4-Nitroaniline	15.75	138	133082	61.847	ng	#	81
62) Azobenzene	16.01	77	568214	50.707	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	118264	75.298	ng		86
65) n-Nitrosodiphenylamine	15.93	169	514252	49.779	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	233004	56.246	ng		98
67) Hexachlorobenzene	16.73	284	232542	55.151	ng		93
68) Atrazine	16.88	200	237712	53.958	ng		98
69) Pentachlorophenol	17.07	266	293673	103.578	ng		97
70) Phenanthrene	17.46	178	921768	52.749	ng		98
71) Anthracene	17.56	178	951829	54.378	ng		98
72) Carbazole	17.82	167	882144	54.316	ng		97
73) Di-n-butylphthalate	18.38	149	972148	50.221	ng	#	98
74) Fluoranthene	19.47	202	1250910	55.012	ng		96
76) Benzidine	19.65	184	98949m	7.191	ng		
77) Pyrene	19.83	202	1232596	50.554	ng		97
79) Butylbenzylphthalate	20.71	149	448625	50.672	ng	#	96
80) Benzo(a)anthracene	21.67	228	1262149	53.403	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	285281	32.084	ng	#	97
82) Chrysene	21.74	228	1170967	54.113	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	624092	49.887	ng		98
84) Di-n-octyl phthalate	22.79	149	1057209	49.259	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1411627	55.700	ng	#	86
87) Benzo(b)fluoranthene	23.89	252	1230409	54.818	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	1196669	54.502	ng	#	97
89) Benzo(a)pyrene	24.76	252	1200349	56.833	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	1141222	54.736	ng	#	96
91) Benzo(g,h,i)perylene	29.73	276	1168169	57.251	ng	#	92

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

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