Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036056.D
Acq On : 2 Aug 2018 12:09
Operator : JU/SJ
Sample : PB111684BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111684BS

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:26 PM

Quant Time: Aug 02 13:45:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27450	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	100346	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	76955	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	225654	20.00	ng		0.00
75) Chrysene-d12	21.65	240	248765	20.00	ng		0.00
86) Perylene-d12	24.84	264	240854	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	154805	93.63	ng		0.00
7) Phenol-d6	7.19	99	228875	92.78	ng		0.00
23) Nitrobenzene-d5	9.18	82	225113	93.72	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	116209	114.57	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	558385	97.21	ng		-0.01
78) Terphenyl-d14	20.00	244	1018400	90.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26018	30.918	ng	#	75
3) Pyridine	3.91	79	72570	33.033	ng	#	72
4) n-Nitrosodimethylamine	3.83	42	32287	34.228	ng	#	78
6) Aniline	7.34	93	83888	26.237	ng		96
8) 2-Chlorophenol	7.58	128	72518	43.125	ng		96
9) Benzaldehyde	7.16	77	41007	27.092	ng		95
10) Phenol	7.21	94	112265	45.046	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	73155	37.481	ng		90
12) 1,3-Dichlorobenzene	7.91	146	80010	39.401	ng	#	93
13) 1,4-Dichlorobenzene	8.05	146	82080	39.782	ng		98
14) 1,2-Dichlorobenzene	8.37	146	81818	41.279	ng		97
15) Benzyl Alcohol	8.26	79	85484	38.161	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.54	45	81135	49.584	ng		77
17) 2-Methylphenol	8.47	107	72540	42.810	ng	#	87
18) Hexachloroethane	9.10	117	31280	39.651	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	66005	31.775	ng	#	90
20) 3+4-Methylphenols	8.79	107	97784	41.598	ng		92
22) Acetophenone	8.84	105	125170	40.112	ng	#	94
24) Nitrobenzene	9.22	77	104970	43.453	ng		89
25) Isophorone	9.74	82	197840	44.368	ng	#	98
26) 2-Nitrophenol	9.93	139	42378	49.394	ng	#	90
27) 2,4-Dimethylphenol	9.99	122	78132	53.799	ng		84
28) bis(2-Chloroethoxy)methane	10.22	93	103676	42.195	ng		99
29) 2,4-Dichlorophenol	10.48	162	87331	52.679	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	93043	45.770	ng		96
31) Naphthalene	10.87	128	230369	44.072	ng		99
32) Benzoic acid	10.17	122	22933	23.457	ng		90
33) 4-Chloroaniline	10.99	127	47587	20.888	ng	#	92
34) Hexachlorobutadiene	11.16	225	72571	45.781	ng		98
35) Caprolactam	11.76	113	32213m	45.280	ng		
36) 4-Chloro-3-methylphenol	12.11	107	115336	51.903	ng		97
37) 2-Methylnaphthalene	12.47	142	183423	47.101	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	125907	43.348	ng		97
40) Hexachlorocyclopentadiene	12.82	237	155547	102.114	ng		94

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Quant Time: Aug 02 13:45:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	84349	49.658	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	94491	49.727	ng		97
45) 1,1'-Biphenyl	13.48	154	261555	43.839	ng		96
46) 2-Chloronaphthalene	13.52	162	209702	45.186	ng		98
47) 2-Nitroaniline	13.73	65	75539	46.041	ng		93
48) Acenaphthylene	14.37	152	361896	46.553	ng		98
49) Dimethylphthalate	14.10	163	310451	46.045	ng		98
50) 2,6-Dinitrotoluene	14.22	165	73738	53.706	ng		91
51) Acenaphthene	14.71	154	210911	43.553	ng		97
52) 3-Nitroaniline	14.56	138	40641	28.961	ng	#	91
53) 2,4-Dinitrophenol	14.76	184	58295	82.354	ng	#	70
54) Dibenzofuran	15.05	168	361196	46.898	ng		92
55) 4-Nitrophenol	14.87	139	90508	90.564	ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	109031	55.352	ng	#	86
57) Fluorene	15.69	166	307528	47.641	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	98765	54.210	ng		94
59) Diethylphthalate	15.46	149	323712	46.692	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	177763	46.854	ng		97
61) 4-Nitroaniline	15.72	138	70226	47.841	ng	#	74
62) Azobenzene	15.97	77	322878	47.214	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	61116	48.654	ng		87
65) n-Nitrosodiphenylamine	15.90	169	280591	43.686	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	122675	46.859	ng		97
67) Hexachlorobenzene	16.70	284	128773	47.764	ng		96
68) Atrazine	16.84	200	129205	48.858	ng		93
69) Pentachlorophenol	17.04	266	114606	69.791	ng		96
70) Phenanthrene	17.43	178	524353	46.569	ng		97
71) Anthracene	17.52	178	532084	47.458	ng		99
72) Carbazole	17.79	167	475559	44.664	ng		97
73) Di-n-butylphthalate	18.34	149	553519	43.992	ng	#	99
74) Fluoranthene	19.44	202	698586	46.060	ng		96
76) Benzidine	19.62	184	209850	32.087	ng		98
77) Pyrene	19.80	202	698485	44.405	ng		99
79) Butylbenzylphthalate	20.68	149	258984	46.042	ng		96
80) Benzo(a)anthracene	21.64	228	710716	45.846	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	166875	30.872	ng		98
82) Chrysene	21.70	228	673979	46.916	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	358244	46.846	ng		99
84) Di-n-octyl phthalate	22.73	149	618857	48.332	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.48	276	768097	48.294	ng	#	60
87) Benzo(b)fluoranthene	23.83	252	688451	47.028	ng	#	96
88) Benzo(k)fluoranthene	23.90	252	654050	45.700	ng	#	97
89) Benzo(a)pyrene	24.70	252	659851	48.451	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	632117	47.277	ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	630982	48.227	ng	#	94

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

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