Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
Data File : BG035546.D
Acq On : 30 Jun 2018 17:26
Operator : JU/SJ
Sample : PB110714BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110714BS

Manual Integrations APPROVED
Sohil
7/2/2018 12:59:08 PM

Quant Time: Jul 02 12:27:41 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	35207	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	134672	20.00	ng		-0.01
38) Acenaphthene-d10	14.69	164	103498	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	285010	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	297227	20.00	ng		-0.02
86) Perylene-d12	24.92	264	296252	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	209295	100.32	ng		0.00
7) Phenol-d6	7.23	99	313840	101.93	ng		0.00
23) Nitrobenzene-d5	9.23	82	300675	106.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	155244	117.17	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	721547	90.63	ng		-0.02
78) Terphenyl-d14	20.03	244	1334150	94.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	34094	34.253	ng	#	70
3) Pyridine	3.95	79	98759	36.773	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	41354	35.842	ng	#	69
6) Aniline	7.39	93	110992	27.887	ng		98
8) 2-Chlorophenol	7.63	128	106475	48.690	ng		94
9) Benzaldehyde	7.20	77	63868	26.929	ng		97
10) Phenol	7.26	94	164607	51.657	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	102044	41.259	ng		89
12) 1,3-Dichlorobenzene	7.95	146	115532	44.279	ng		98
13) 1,4-Dichlorobenzene	8.10	146	113622	42.185	ng		94
14) 1,2-Dichlorobenzene	8.42	146	112688	44.541	ng		97
15) Benzyl Alcohol	8.30	79	128327	43.983	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	112126	45.549	ng		76
17) 2-Methylphenol	8.50	107	107263	51.057	ng	#	91
18) Hexachloroethane	9.14	117	43241	44.843	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	100608	38.459	ng	#	84
20) 3+4-Methylphenols	8.83	107	148776	49.406	ng		90
22) Acetophenone	8.89	105	181943	43.613	ng	#	90
24) Nitrobenzene	9.27	77	146335	50.440	ng	#	91
25) Isophorone	9.79	82	284090	47.493	ng		100
26) 2-Nitrophenol	9.98	139	61137	61.136	ng	#	86
27) 2,4-Dimethylphenol	10.04	122	116433	55.393	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	151432	47.110	ng		99
29) 2,4-Dichlorophenol	10.52	162	130001	56.840	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	133447	48.659	ng		94
31) Naphthalene	10.92	128	335326	47.931	ng		98
32) Benzoic acid	10.20	122	57168	40.605	ng		94
33) 4-Chloroaniline	11.03	127	50651	16.674	ng	#	94
34) Hexachlorobutadiene	11.20	225	103377	48.468	ng		97
35) Caprolactam	11.81	113	45607m	53.956	ng		
36) 4-Chloro-3-methylphenol	12.15	107	158251	55.507	ng		93
37) 2-Methylnaphthalene	12.52	142	267832m	50.495	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	184885	47.959	ng		99
40) Hexachlorocyclopentadiene	12.86	237	240812	99.612	ng		93

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Quant Time: Jul 02 12:27:41 2018
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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	13.12	196	123888	53.669	ng		98
43) 2,4,5-Trichlorophenol	13.20	196	133874	52.839	ng		97
45) 1,1'-Biphenyl	13.52	154	373040	44.824	ng		98
46) 2-Chloronaphthalene	13.57	162	290806	46.217	ng		99
47) 2-Nitroaniline	13.77	65	101682	54.726	ng		93
48) Acenaphthylene	14.41	152	496756	47.083	ng		97
49) Dimethylphthalate	14.14	163	415758	46.066	ng		99
50) 2,6-Dinitrotoluene	14.25	165	94464	57.372	ng		94
51) Acenaphthene	14.75	154	300356	43.571	ng		98
52) 3-Nitroaniline	14.59	138	47770	29.567	ng	#	96
53) 2,4-Dinitrophenol	14.80	184	92641	139.026	ng	#	67
54) Dibenzofuran	15.08	168	487060	47.176	ng		95
55) 4-Nitrophenol	14.90	139	145493	106.700	ng	#	87
56) 2,4-Dinitrotoluene	15.05	165	138311	63.236	ng	#	81
57) Fluorene	15.73	166	410799	47.610	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	143245	58.199	ng		92
59) Diethylphthalate	15.50	149	414054	44.966	ng		96
60) 4-Chlorophenyl-phenylether	15.72	204	234614	47.684	ng		96
61) 4-Nitroaniline	15.75	138	93027	53.689	ng	#	81
62) Azobenzene	16.01	77	421191	46.678	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	76572	58.844	ng		82
65) n-Nitrosodiphenylamine	15.93	169	368026	42.998	ng		97
66) 4-Bromophenyl-phenylether	16.62	248	167840	48.901	ng		99
67) Hexachlorobenzene	16.73	284	170338	48.760	ng		94
68) Atrazine	16.88	200	174373	47.773	ng		98
69) Pentachlorophenol	17.08	266	190101	80.926	ng		99
70) Phenanthrene	17.47	178	687582	47.492	ng		99
71) Anthracene	17.56	178	691707	47.696	ng		98
72) Carbazole	17.83	167	638252	47.433	ng		98
73) Di-n-butylphthalate	18.38	149	712479	44.424	ng	#	98
74) Fluoranthene	19.47	202	908737	48.236	ng		96
76) Benzidine	19.65	184	297366	26.892	ng		98
77) Pyrene	19.84	202	900611	45.962	ng		97
79) Butylbenzylphthalate	20.72	149	322191	45.283	ng	#	95
80) Benzo(a)anthracene	21.67	228	915514	48.201	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	182135	25.488	ng		99
82) Chrysene	21.74	228	844921	48.586	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	437454	43.512	ng	#	99
84) Di-n-octyl phthalate	22.78	149	733355	42.518	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1000913	49.143	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	882516	48.373	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	851898	47.735	ng	#	95
89) Benzo(a)pyrene	24.77	252	851746	49.615	ng	#	97
90) Dibenzo(a,h)anthracene	28.66	278	812513	47.945	ng	#	94
91) Benzo(g,h,i)perylene	29.76	276	835206	50.360	ng	#	94

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

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