Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036961.D
Acq On : 25 Sep 2018 22:50
Operator : JU/SJ
Sample : PB113203BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113203BS

Manual Integrations APPROVED
Sohil
9/26/2018 3:45:25 PM

Quant Time: Sep 26 02:15:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46844	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	200025	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	129587	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	321305	20.00	ng		0.00
75) Chrysene-d12	21.68	240	331120	20.00	ng		0.00
86) Perylene-d12	24.89	264	343736	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	362763	148.51	ng		0.00
7) Phenol-d6	7.21	99	516531	136.68	ng		0.00
23) Nitrobenzene-d5	9.20	82	340215	91.08	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	222192	143.31	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	747302	85.89	ng		0.00
78) Terphenyl-d14	20.02	244	1258908	99.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	42308	37.853	ng		96
3) Pyridine	3.92	79	121538	37.660	ng		95
4) n-Nitrosodimethylamine	3.83	42	76255	53.163	ng	#	88
6) Aniline	7.37	93	167577	34.174	ng		99
8) 2-Chlorophenol	7.61	128	134190	47.314	ng		92
9) Benzaldehyde	7.18	77	88396	35.398	ng		98
10) Phenol	7.24	94	186924	47.926	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	142386	39.466	ng		98
12) 1,3-Dichlorobenzene	7.94	146	140562	40.425	ng		97
13) 1,4-Dichlorobenzene	8.08	146	140737	39.552	ng		99
14) 1,2-Dichlorobenzene	8.40	146	138190	40.075	ng		96
15) Benzyl Alcohol	8.28	79	135212	44.094	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	288863	41.704	ng		98
17) 2-Methylphenol	8.48	107	124674	45.890	ng		97
18) Hexachloroethane	9.12	117	55532	42.408	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	122127	38.847	ng		99
20) 3+4-Methylphenols	8.81	107	177972	47.088	ng		99
22) Acetophenone	8.86	105	215241	45.791	ng	#	97
24) Nitrobenzene	9.25	77	182159	45.667	ng		100
25) Isophorone	9.77	82	344458	50.470	ng		98
26) 2-Nitrophenol	9.96	139	78929	49.643	ng		97
27) 2,4-Dimethylphenol	10.02	122	136247	55.012	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	193442	45.933	ng		98
29) 2,4-Dichlorophenol	10.50	162	150842	52.539	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	154401	42.974	ng		98
31) Naphthalene	10.90	128	441273	46.365	ng		98
32) Benzoic acid	10.16	122	49680	28.826	ng		95
33) 4-Chloroaniline	11.01	127	103944	24.021	ng		98
34) Hexachlorobutadiene	11.18	225	101644	40.908	ng		98
35) Caprolactam	11.79	113	58104m	49.171	ng		
36) 4-Chloro-3-methylphenol	12.12	107	180131	52.582	ng		98
37) 2-Methylnaphthalene	12.50	142	347883	47.993	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	195258	43.201	ng		98
40) Hexachlorocyclopentadiene	12.84	237	247177	106.334	ng		99

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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	13.11	196	130219	51.883	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	143347	53.562	ng		97
45) 1,1'-Biphenyl	13.51	154	459725	46.322	ng		97
46) 2-Chloronaphthalene	13.55	162	341214	43.718	ng		99
47) 2-Nitroaniline	13.75	65	134712	49.902	ng		98
48) Acenaphthylene	14.39	152	598119	48.905	ng		99
49) Dimethylphthalate	14.12	163	479641	45.983	ng		99
50) 2,6-Dinitrotoluene	14.25	165	105692	46.441	ng		100
51) Acenaphthene	14.73	154	345803	46.783	ng		99
52) 3-Nitroaniline	14.57	138	72614	30.279	ng	#	96
53) 2,4-Dinitrophenol	14.79	184	65922	63.547	ng		92
54) Dibenzofuran	15.07	168	564757	45.171	ng		98
55) 4-Nitrophenol	14.89	139	164143	107.140	ng		91
56) 2,4-Dinitrotoluene	15.03	165	149583	47.103	ng		97
57) Fluorene	15.72	166	459253	49.145	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	143614	52.898	ng		98
59) Diethylphthalate	15.49	149	479609	45.588	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	258285	43.643	ng		100
61) 4-Nitroaniline	15.74	138	115226	45.678	ng		95
62) Azobenzene	16.00	77	493804	48.849	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	69029	41.093	ng		95
65) n-Nitrosodiphenylamine	15.93	169	420558	47.412	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	168790	46.185	ng		99
67) Hexachlorobenzene	16.72	284	167957	44.621	ng		100
68) Atrazine	16.87	200	174081	48.468	ng		99
69) Pentachlorophenol	17.07	266	189769	80.076	ng		98
70) Phenanthrene	17.46	178	765372	49.431	ng		98
71) Anthracene	17.55	178	782384	51.102	ng		100
72) Carbazole	17.82	167	697120	46.700	ng		98
73) Di-n-butylphthalate	18.37	149	803096	48.445	ng		99
74) Fluoranthene	19.46	202	943388	50.617	ng		99
76) Benzidine	19.65	184	418090	41.769	ng		99
77) Pyrene	19.83	202	926567	46.632	ng		99
79) Butylbenzylphthalate	20.71	149	384919	48.601	ng		97
80) Benzo(a)anthracene	21.66	228	932014	48.218	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	240264	32.656	ng		100
82) Chrysene	21.73	228	880145	47.128	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	527734	47.698	ng		100
84) Di-n-octyl phthalate	22.77	149	889409	48.824	ng		100
85) Indeno(1,2,3-cd)pyrene	28.54	276	1038295	51.773	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	925797	50.539	ng		98
88) Benzo(k)fluoranthene	23.94	252	883134	48.053	ng		99
89) Benzo(a)pyrene	24.74	252	890953	50.308	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	834560	50.281	ng		98
91) Benzo(g,h,i)perylene	29.68	276	856263	51.403	ng		97

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

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