Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
Data File : BG037542.D
Acq On : 25 Oct 2018 11:46
Operator : JU/SJ
Sample : PB114136BSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114136BSD

Manual Integrations APPROVED
Sohil
10/25/2018 3:14:59 PM

Quant Time: Oct 25 15:13:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55246	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	261305	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	178264	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	428400	20.00	ng		0.00
76) Chrysene-d12	21.77	240	377918	20.00	ng		0.00
87) Perylene-d12	25.10	264	395055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	382843	115.86	ng		0.00
7) Phenol-d6	7.25	99	552995	110.67	ng		0.00
23) Nitrobenzene-d5	9.28	82	465124	99.71	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	210699	108.37	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1139698	96.41	ng		0.00
79) Terphenyl-d14	20.09	244	1552481	87.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	52444	31.295	ng		95
3) Pyridine	3.93	79	163175	38.633	ng		93
4) n-Nitrosodimethylamine	3.85	42	79899	53.109	ng	#	93
6) Aniline	7.43	93	116823	19.165	ng		99
8) 2-Chlorophenol	7.66	128	210970	54.574	ng		99
9) Benzaldehyde	7.24	77	94167	30.127	ng		99
10) Phenol	7.28	94	291859	55.359	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	188028	46.958	ng		98
12) 1,3-Dichlorobenzene	7.99	146	195224	45.363	ng		98
13) 1,4-Dichlorobenzene	8.14	146	200757	45.604	ng		99
14) 1,2-Dichlorobenzene	8.46	146	194143	45.846	ng		98
15) Benzyl Alcohol	8.35	79	191959	51.992	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	345920	48.281	ng		99
17) 2-Methylphenol	8.53	107	194544	55.815	ng		99
18) Hexachloroethane	9.19	117	69322	46.190	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	166101	48.273	ng		95
20) 3+4-Methylphenols	8.86	107	275215	55.227	ng		97
22) Acetophenone	8.93	105	303176	46.262	ng	#	98
24) Nitrobenzene	9.33	77	233645	48.216	ng		94
25) Isophorone	9.84	82	467042	54.798	ng		99
26) 2-Nitrophenol	10.03	139	118195	54.143	ng		97
27) 2,4-Dimethylphenol	10.08	122	236009	60.551	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	283388	50.749	ng		96
29) 2,4-Dichlorophenol	10.57	162	236760	54.557	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	211797	44.879	ng		98
31) Naphthalene	10.98	128	646435	50.366	ng		99
32) Benzoic acid	10.21	122	153512	60.639	ng		98
33) 4-Chloroaniline	11.08	127	46274	7.673	ng		97
34) Hexachlorobutadiene	11.24	225	121790	43.543	ng		97
35) Caprolactam	11.88	113	91255m	52.430	ng		
36) 4-Chloro-3-methylphenol	12.19	107	264561	54.056	ng		99
37) 2-Methylnaphthalene	12.57	142	497655	53.191	ng		99
38) 1-Methylnaphthalene	12.79	142	478414	52.654	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255585	44.450	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	306383	111.549	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	203150	52.883	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	226645	54.189	ng		98
46) 1,1'-Biphenyl	13.58	154	657949	44.566	ng		98
47) 2-Chloronaphthalene	13.62	162	516824	46.273	ng		99
48) 2-Nitroaniline	13.83	65	179456	52.983	ng		95
49) Acenaphthylene	14.46	152	876504	52.169	ng		99
50) Dimethylphthalate	14.19	163	699237	50.703	ng		99
51) 2,6-Dinitrotoluene	14.32	165	162280	53.193	ng		97
52) Acenaphthene	14.80	154	512069	49.488	ng		98
53) 3-Nitroaniline	14.65	138	53000	15.649	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	144140	94.883	ng		95
55) Dibenzofuran	15.14	168	821497	47.918	ng		99
56) 4-Nitrophenol	14.94	139	371706	148.272	ng		98
57) 2,4-Dinitrotoluene	15.10	165	226296	56.508	ng	#	94
58) Fluorene	15.78	166	677210	52.749	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	195411	54.568	ng		99
60) Diethylphthalate	15.54	149	716823	50.629	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	356412	47.630	ng		97
62) 4-Nitroaniline	15.81	138	170988	50.808	ng		90
63) Azobenzene	16.07	77	674725	49.947	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	115503	50.780	ng		97
66) n-Nitrosodiphenylamine	15.99	169	617227	47.898	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	225813	47.999	ng		98
68) Hexachlorobenzene	16.78	284	228366	46.836	ng		99
69) Atrazine	16.93	200	234131	50.253	ng		98
70) Pentachlorophenol	17.12	266	283698	86.864	ng		95
71) Phenanthrene	17.53	178	1110028	50.983	ng		98
72) Anthracene	17.62	178	1120672	52.449	ng		97
73) Carbazole	17.89	167	1020877	47.764	ng		98
74) Di-n-butylphthalate	18.43	149	1207578	50.790	ng		99
75) Fluoranthene	19.53	202	1270969	51.468	ng		97
77) Benzidine	19.72	184	266652	20.751	ng		98
78) Pyrene	19.90	202	1258451	50.939	ng		98
80) Butylbenzylphthalate	20.77	149	551307	54.527	ng		97
81) Benzo(a)anthracene	21.75	228	1182655	52.907	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	229417	26.478	ng		99
83) Chrysene	21.82	228	1110519	51.665	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	762863	53.827	ng		99
85) Di-n-octyl phthalate	22.87	149	1288125	55.738	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1235644	53.597	ng	#	90
88) Benzo(b)fluoranthene	24.04	252	1163494	53.720	ng		98
89) Benzo(k)fluoranthene	24.11	252	1123096	52.928	ng		97
90) Benzo(a)pyrene	24.94	252	1142321	55.505	ng		97
91) Dibenzo(a,h)anthracene	29.00	278	983585	51.811	ng		99
92) Benzo(g,h,i)perylene	30.13	276	978409	50.943	ng		100

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

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