Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039631.D
Acq On : 27 Feb 2019 12:41
Operator : JU/SJ
Sample : PB117340BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117340BS

Manual Integrations APPROVED
Sohil
2/28/2019 1:32:03 PM

Quant Time: Feb 28 00:51:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	56945	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	243567	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	163463	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	405447	20.00	ng		-0.02
76) Chrysene-d12	21.82	240	409966	20.00	ng		-0.02
87) Perylene-d12	25.20	264	417148	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	510213	153.35	ng		0.00
7) Phenol-d6	7.31	99	728375	148.72	ng		0.00
23) Nitrobenzene-d5	9.35	82	413644	106.09	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	281161	159.73	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	995687	87.38	ng		-0.02
79) Terphenyl-d14	20.13	244	1585889	81.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	54604	37.518	ng		94
3) Pyridine	4.00	79	153362	39.800	ng		93
4) n-Nitrosodimethylamine	3.92	42	80616	41.833	ng	#	79
6) Aniline	7.50	93	119058	19.408	ng		94
8) 2-Chlorophenol	7.73	128	173095	47.594	ng		95
9) Benzaldehyde	7.31	77	77490	29.293	ng		97
10) Phenol	7.34	94	239138	46.841	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	162112	40.185	ng		97
12) 1,3-Dichlorobenzene	8.05	146	177662	40.324	ng		97
13) 1,4-Dichlorobenzene	8.20	146	181731	41.383	ng		96
14) 1,2-Dichlorobenzene	8.52	146	174833	41.126	ng		98
15) Benzyl Alcohol	8.41	79	163819	42.606	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	304727	33.450	ng		99
17) 2-Methylphenol	8.60	107	152743	46.233	ng		96
18) Hexachloroethane	9.25	117	64259	42.533	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	132918	38.238	ng		94
20) 3+4-Methylphenols	8.93	107	210240	46.212	ng		96
22) Acetophenone	8.99	105	256146	39.150	ng		94
24) Nitrobenzene	9.39	77	197879	46.979	ng		97
25) Isophorone	9.90	82	380182	44.004	ng		98
26) 2-Nitrophenol	10.10	139	101173	57.570	ng		94
27) 2,4-Dimethylphenol	10.14	122	175520	50.220	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	232485	43.687	ng		98
29) 2,4-Dichlorophenol	10.63	162	189687	49.659	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	187891	43.813	ng		100
31) Naphthalene	11.04	128	532190	44.044	ng		99
32) Benzoic acid	10.27	122	102959	45.554	ng		96
33) 4-Chloroaniline	11.15	127	59236	10.573	ng		93
34) Hexachlorobutadiene	11.30	225	120370	42.206	ng		93
35) Caprolactam	11.94	113	65171m	41.230	ng		
36) 4-Chloro-3-methylphenol	12.25	107	200697	45.431	ng		97
37) 2-Methylnaphthalene	12.63	142	403585	45.096	ng		98
38) 1-Methylnaphthalene	12.85	142	387445	44.911	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	224658	43.196	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	291003	102.681	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	156233	48.856	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	170250	50.797	ng		97
46) 1,1'-Biphenyl	13.63	154	545768	40.128	ng		99
47) 2-Chloronaphthalene	13.68	162	425234	41.562	ng		99
48) 2-Nitroaniline	13.88	65	145215	49.165	ng		99
49) Acenaphthylene	14.52	152	688914	44.624	ng		99
50) Dimethylphthalate	14.24	163	563582	42.689	ng		100
51) 2,6-Dinitrotoluene	14.37	165	130338	52.165	ng		91
52) Acenaphthene	14.86	154	419193	41.830	ng		99
53) 3-Nitroaniline	14.70	138	45728	20.896	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	101839	88.625	ng		96
55) Dibenzofuran	15.19	168	681176	42.395	ng		99
56) 4-Nitrophenol	15.00	139	220658	91.540	ng		90
57) 2,4-Dinitrotoluene	15.15	165	183555	56.434	ng		90
58) Fluorene	15.83	166	540420	45.119	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	169654	54.063	ng		97
60) Diethylphthalate	15.59	149	574236	42.069	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	283901	41.860	ng		97
62) 4-Nitroaniline	15.87	138	138081	49.713	ng		92
63) Azobenzene	16.11	77	517746	38.808	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	95784	56.151	ng		99
66) n-Nitrosodiphenylamine	16.04	169	500011	40.558	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	191345	42.540	ng		94
68) Hexachlorobenzene	16.82	284	200965	44.532	ng		95
69) Atrazine	16.98	200	190446	42.272	ng		96
70) Pentachlorophenol	17.18	266	248863	79.344	ng		98
71) Phenanthrene	17.58	178	921188	43.898	ng		99
72) Anthracene	17.67	178	935530	45.260	ng		98
73) Carbazole	17.94	167	832983	40.380	ng		99
74) Di-n-butylphthalate	18.47	149	1000767	41.585	ng		99
75) Fluoranthene	19.58	202	1118971	45.941	ng		99
77) Benzidine	19.76	184	237196	17.647	ng		99
78) Pyrene	19.94	202	1118699	43.834	ng		98
80) Butylbenzylphthalate	20.81	149	474507	44.075	ng		95
81) Benzo(a)anthracene	21.81	228	1097787	45.317	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	180209	20.063	ng		99
83) Chrysene	21.88	228	1016865	44.096	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	657101	42.783	ng	#	99
85) Di-n-octyl phthalate	22.93	149	1119146	44.105	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1238999	50.077	ng		100
88) Benzo(b)fluoranthene	24.12	252	1074569	47.235	ng		99
89) Benzo(k)fluoranthene	24.20	252	1044858	45.747	ng		99
90) Benzo(a)pyrene	25.04	252	1053603	48.089	ng		99
91) Dibenzo(a,h)anthracene	29.17	278	996623	48.573	ng		98
92) Benzo(g,h,i)perylene	30.32	276	1026882	50.212	ng		99

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

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