Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
Data File : BG043316.D
Acq On : 23 Oct 2019 19:58
Operator : JU
Sample : K5139-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-102119MS

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:41 PM

Quant Time: Oct 24 07:02:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38958	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	139858	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	111671	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	270100	20.00	ng		0.00
76) Chrysene-d12	21.66	240	308665	20.00	ng		0.00
87) Perylene-d12	24.87	264	317048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	281750	132.53	ng		0.00
7) Phenol-d6	7.20	99	407597	133.25	ng		0.00
23) Nitrobenzene-d5	9.19	82	250123	92.20	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	294900	138.77	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	742836	91.92	ng		0.00
79) Terphenyl-d14	20.01	244	1516406	92.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	33813	40.813	ng	#	44
3) Pyridine	3.91	79	67267	32.187	ng		95
4) n-Nitrosodimethylamine	3.81	42	52257	49.552	ng		99
6) Aniline	7.36	93	40456	11.481	ng		98
8) 2-Chlorophenol	7.60	128	116103	49.471	ng		97
9) Benzaldehyde	7.17	77	23633	15.721	ng		96
10) Phenol	7.23	94	139695	49.978	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	97341	45.044	ng		98
12) 1,3-Dichlorobenzene	7.91	146	153274	52.126	ng		96
13) 1,4-Dichlorobenzene	8.06	146	150328	50.530	ng		99
14) 1,2-Dichlorobenzene	8.38	146	141050	48.558	ng		97
15) Benzyl Alcohol	8.27	79	96080	44.725	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	137574	43.781	ng		96
17) 2-Methylphenol	8.48	107	99221	48.694	ng		95
18) Hexachloroethane	9.11	117	55349	51.567	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	87628	44.334	ng		97
20) 3+4-Methylphenols	8.81	107	136120	48.716	ng		91
22) Acetophenone	8.85	105	170433	47.585	ng		97
24) Nitrobenzene	9.23	77	136405	52.783	ng		97
25) Isophorone	9.75	82	258413	52.102	ng		98
26) 2-Nitrophenol	9.94	139	68324	54.763	ng		95
27) 2,4-Dimethylphenol	10.01	122	109856	61.434	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	135637	49.550	ng		100
29) 2,4-Dichlorophenol	10.48	162	127546	55.668	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	150410	52.086	ng		97
31) Naphthalene	10.88	128	375493	52.893	ng		99
32) Benzoic acid	10.16	122	63629	46.865	ng		94
33) 4-Chloroaniline	11.03	127	5310	1.825	ng	#	86
34) Hexachlorobutadiene	11.17	225	107403	50.314	ng		89
35) Caprolactam	11.77	113	41546m	52.650	ng		
36) 4-Chloro-3-methylphenol	12.12	107	146343	58.556	ng		98
37) 2-Methylnaphthalene	12.48	142	291077	53.438	ng		98
38) 1-Methylnaphthalene	12.70	142	274177	52.902	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	185523	44.891	ng	#	97

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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)
41) Hexachlorocyclopentadiene	12.83	237	241836	111.395	ng		90
43) 2,4,6-Trichlorophenol	13.09	196	124233	51.044	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	138883	56.444	ng		98
46) 1,1'-Biphenyl	13.48	154	390985	46.024	ng		99
47) 2-Chloronaphthalene	13.53	162	302293	46.767	ng		99
48) 2-Nitroaniline	13.74	65	93049	48.164	ng		99
49) Acenaphthylene	14.38	152	501690	49.870	ng		99
50) Dimethylphthalate	14.11	163	458231	52.977	ng		99
51) 2,6-Dinitrotoluene	14.22	165	97154	51.702	ng		98
52) Acenaphthene	14.72	154	301943	49.217	ng		98
53) 3-Nitroaniline	14.57	138	18316	10.096	ng		97
54) 2,4-Dinitrophenol	14.77	184	125622	104.593	ng		95
55) Dibenzofuran	15.05	168	496519	49.907	ng		99
56) 4-Nitrophenol	14.88	139	151284	124.432	ng		94
57) 2,4-Dinitrotoluene	15.02	165	143645	53.489	ng		95
58) Fluorene	15.70	166	421099	50.466	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	144420	55.244	ng	#	98
60) Diethylphthalate	15.46	149	439153	50.529	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	243799	50.084	ng		98
62) 4-Nitroaniline	15.73	138	67120	35.823	ng		93
63) Azobenzene	15.98	77	358074	50.907	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	95994	60.391	ng		99
66) n-Nitrosodiphenylamine	15.91	169	264297	34.659	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	174805	48.090	ng		99
68) Hexachlorobenzene	16.70	284	198456	47.563	ng		99
69) Atrazine	16.85	200	59524	22.464	ng		98
70) Pentachlorophenol	17.05	266	236859	124.582	ng		97
71) Phenanthrene	17.44	178	698960	50.535	ng		99
72) Anthracene	17.53	178	724894	52.383	ng		99
73) Carbazole	17.80	167	426886	34.065	ng		99
74) Di-n-butylphthalate	18.36	149	775281	50.987	ng		100
75) Fluoranthene	19.45	202	942420	52.265	ng		99
77) Benzidine	19.72	184	4293	0.691	ng	#	83
78) Pyrene	19.81	202	959702	50.230	ng		99
80) Butylbenzylphthalate	20.69	149	362888	50.133	ng		97
81) Benzo(a)anthracene	21.65	228	991586	51.286	ng		98
82) 3,3'-Dichlorobenzidine	21.57	252	25744	3.443	ng		91
83) Chrysene	21.71	228	970262	50.507	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	526454	51.200	ng		98
85) Di-n-octyl phthalate	22.75	149	906119	51.942	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1226783	50.875	ng		100
88) Benzo(b)fluoranthene	23.85	252	1045462	58.222	ng		98
89) Benzo(k)fluoranthene	23.92	252	1055687	58.399	ng		97
90) Benzo(a)pyrene	24.72	252	934567	54.502	ng		99
91) Dibenzo(a,h)anthracene	28.58	278	1054854	60.143	ng		99
92) Benzo(g,h,i)perylene	29.65	276	1029551	59.510	ng		98

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

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