Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043039.D
Acq On : 4 Oct 2019 22:06
Operator : JU
Sample : K5154-12MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Manual Integrations APPROVED
mohammad
10/9/2019 8:31:54 AM

Quant Time: Oct 05 06:37:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	74076	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	283134	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	201756	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	477127	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	519647	20.00	ng		-0.02
87) Perylene-d12	24.91	264	616008	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	336849	81.15	ng		0.00
7) Phenol-d6	7.24	99	321620	53.81	ng		0.00
23) Nitrobenzene-d5	9.22	82	434411	74.57	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	427345	123.18	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1019091	73.23	ng		-0.01
79) Terphenyl-d14	20.03	244	1992939	81.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	58711	33.925	ng		92
3) Pyridine	3.94	79	106803	21.942	ng		88
4) n-Nitrosodimethylamine	3.86	42	60188	25.714	ng		98
6) Aniline	7.39	93	188744	26.158	ng		97
8) 2-Chlorophenol	7.64	128	182987	42.273	ng		96
9) Benzaldehyde	7.20	77	128552	35.195	ng		88
10) Phenol	7.26	94	131009	23.889	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	157661	37.156	ng		95
12) 1,3-Dichlorobenzene	7.95	146	170923	30.953	ng		97
13) 1,4-Dichlorobenzene	8.10	146	178322	32.394	ng		98
14) 1,2-Dichlorobenzene	8.42	146	172581	32.930	ng		95
15) Benzyl Alcohol	8.30	79	166570	37.065	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	243190	29.844	ng		97
17) 2-Methylphenol	8.51	107	149657	39.001	ng		97
18) Hexachloroethane	9.15	117	62512	30.152	ng		100
19) n-Nitroso-di-n-propylamine	8.86	70	147006	37.454	ng		94
20) 3+4-Methylphenols	8.84	107	187836	35.720	ng		98
22) Acetophenone	8.88	105	274340	37.590	ng	#	96
24) Nitrobenzene	9.26	77	218428	39.312	ng		97
25) Isophorone	9.79	82	414276	40.488	ng		97
26) 2-Nitrophenol	9.97	139	109186	46.161	ng		94
27) 2,4-Dimethylphenol	10.04	122	184103	50.682	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	231322	39.846	ng		97
29) 2,4-Dichlorophenol	10.51	162	206346	45.675	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	210333	36.053	ng		96
31) Naphthalene	10.92	128	534839	38.374	ng		99
32) Benzoic acid	10.16	122	48600	20.497	ng	#	85
33) 4-Chloroaniline	11.03	127	102662	16.975	ng		96
34) Hexachlorobutadiene	11.20	225	140565	32.179	ng		97
35) Caprolactam	11.80	113	23428m	14.705	ng		
36) 4-Chloro-3-methylphenol	12.15	107	220602	44.911	ng		96
37) 2-Methylnaphthalene	12.52	142	421680	39.659	ng		97
38) 1-Methylnaphthalene	12.74	142	395623	39.323	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	282349	37.220	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)
41) Hexachlorocyclopentadiene	12.86	237	340796	70.509 ng	97
43) 2,4,6-Trichlorophenol	13.12	196	198336	44.670 ng	98
44) 2,4,5-Trichlorophenol	13.19	196	208853	45.662 ng	95
46) 1,1'-Biphenyl	13.52	154	580737	37.956 ng	98
47) 2-Chloronaphthalene	13.56	162	449678	39.201 ng	98
48) 2-Nitroaniline	13.76	65	155288	40.708 ng	92
49) Acenaphthylene	14.40	152	726722	41.402 ng	99
50) Dimethylphthalate	14.14	163	787867	52.118 ng	99
51) 2,6-Dinitrotoluene	14.25	165	142400	44.234 ng	92
52) Acenaphthene	14.74	154	458701	39.042 ng	98
53) 3-Nitroaniline	14.59	138	71833	21.591 ng	99
54) 2,4-Dinitrophenol	14.79	184	187478	93.691 ng	96
55) Dibenzofuran	15.08	168	712159	40.976 ng	99
56) 4-Nitrophenol	14.90	139	121642	47.987 ng	94
57) 2,4-Dinitrotoluene	15.04	165	200117	42.449 ng	97
58) Fluorene	15.73	166	608479	41.008 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	207650	42.638 ng	99
60) Diethylphthalate	15.50	149	630199	40.963 ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	355948	39.999 ng	98
62) 4-Nitroaniline	15.75	138	144857	39.923 ng	96
63) Azobenzene	16.01	77	546080	38.988 ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	132213	48.970 ng	95
66) n-Nitrosodiphenylamine	15.93	169	550936	43.741 ng	98
67) 4-Bromophenyl-phenylether	16.61	248	251479	41.994 ng	98
68) Hexachlorobenzene	16.74	284	273175	40.970 ng	98
69) Atrazine	16.88	200	210190	39.629 ng	95
70) Pentachlorophenol	17.08	266	353329	91.836 ng	98
71) Phenanthrene	17.47	178	968242	41.567 ng	98
72) Anthracene	17.56	178	989329	42.544 ng	99
73) Carbazole	17.83	167	912936	42.336 ng	100
74) Di-n-butylphthalate	18.38	149	1042121	40.504 ng	99
75) Fluoranthene	19.47	202	1249236	40.547 ng	99
77) Benzidine	19.65	184	731329	56.207 ng	99
78) Pyrene	19.84	202	1264932	40.784 ng	99
80) Butylbenzylphthalate	20.72	149	491892	41.782 ng	97
81) Benzo(a)anthracene	21.68	228	1307295	40.375 ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	272191	21.433 ng	99
83) Chrysene	21.74	228	1280715	40.760 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	704642	42.063 ng	99
85) Di-n-octyl phthalate	22.79	149	1202083	43.883 ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1703538	43.550 ng	99
88) Benzo(b)fluoranthene	23.89	252	1423866	40.851 ng	98
89) Benzo(k)fluoranthene	23.96	252	1392652	40.388 ng	99
90) Benzo(a)pyrene	24.76	252	1398308	42.522 ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1440667	42.724 ng	99
92) Benzo(g,h,i)perylene	29.73	276	1408664	43.115 ng	97

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

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