Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043942.D
Acq On : 6 Jan 2020 22:10
Operator : JU
Sample : IDOC-W-01-CG
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-W-01-CG

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:55 PM

Quant Time: Jan 07 06:51:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	111108	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	493858	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	329661	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	714829	20.00	ng		0.00
76) Chrysene-d12	21.58	240	628896	20.00	ng		0.00
87) Perylene-d12	24.71	264	706414	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	837479	138.40	ng		0.00
7) Phenol-d6	7.13	99	1107223	130.90	ng		0.00
23) Nitrobenzene-d5	9.12	82	695456	75.33	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	422729	122.54	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1513200	83.16	ng		0.00
79) Terphenyl-d14	19.95	244	2167388	82.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	118736	45.002	ng		98
3) Pyridine	3.82	79	290128	37.222	ng		94
4) n-Nitrosodimethylamine	3.74	42	150720	43.432	ng		93
6) Aniline	7.28	93	377787	34.004	ng		99
8) 2-Chlorophenol	7.53	128	357284	50.293	ng		97
9) Benzaldehyde	7.09	77	211506	39.069	ng		98
10) Phenol	7.15	94	445974	51.173	ng		100
11) bis(2-Chloroethyl)ether	7.38	93	330632	43.951	ng		99
12) 1,3-Dichlorobenzene	7.85	146	364525	43.849	ng		98
13) 1,4-Dichlorobenzene	7.99	146	365974	44.618	ng		99
14) 1,2-Dichlorobenzene	8.32	146	347498	44.138	ng		99
15) Benzyl Alcohol	8.19	79	308072	46.148	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	466496	40.082	ng		99
17) 2-Methylphenol	8.40	107	317236	50.302	ng		98
18) Hexachloroethane	9.05	117	136976	42.917	ng		99
19) n-Nitroso-di-n-propylamine	8.76	70	264531	41.994	ng		99
20) 3+4-Methylphenols	8.73	107	430018	48.877	ng		99
22) Acetophenone	8.78	105	491418	40.025	ng	#	98
24) Nitrobenzene	9.16	77	378553	41.402	ng		99
25) Isophorone	9.69	82	719162	41.523	ng		98
26) 2-Nitrophenol	9.87	139	197464	45.648	ng		98
27) 2,4-Dimethylphenol	9.94	122	344814	52.953	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	465644	40.327	ng		100
29) 2,4-Dichlorophenol	10.41	162	356984	45.960	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	357271	41.023	ng		99
31) Naphthalene	10.81	128	1043774	43.675	ng		99
32) Benzoic acid	10.07	122	137310	28.778	ng		95
33) 4-Chloroaniline	10.91	127	271112	23.784	ng		98
34) Hexachlorobutadiene	11.11	225	205682	38.681	ng		97
35) Caprolactam	11.68	113	133787m	46.269	ng		
36) 4-Chloro-3-methylphenol	12.04	107	382251	46.228	ng		96
37) 2-Methylnaphthalene	12.42	142	784817	43.620	ng		97
38) 1-Methylnaphthalene	12.64	142	742947	43.568	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	369012	38.191	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	488141	97.446 ng	99
43) 2,4,6-Trichlorophenol	13.02	196	282492	42.490 ng	96
44) 2,4,5-Trichlorophenol	13.10	196	305329	44.527 ng	99
46) 1,1'-Biphenyl	13.43	154	986604	41.741 ng	99
47) 2-Chloronaphthalene	13.47	162	774642	40.558 ng	98
48) 2-Nitroaniline	13.66	65	249215	40.564 ng	98
49) Acenaphthylene	14.32	152	1220607	44.464 ng	99
50) Dimethylphthalate	14.05	163	992827	42.415 ng	98
51) 2,6-Dinitrotoluene	14.16	165	231018	43.666 ng	97
52) Acenaphthene	14.66	154	873538	45.375 ng	97
53) 3-Nitroaniline	14.49	138	183534	30.549 ng	98
54) 2,4-Dinitrophenol	14.69	184	200928	74.921 ng	98
55) Dibenzofuran	14.99	168	1172011	44.224 ng	100
56) 4-Nitrophenol	14.80	139	444585	96.567 ng	96
57) 2,4-Dinitrotoluene	14.94	165	325969	45.281 ng	98
58) Fluorene	15.64	166	928755	44.215 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	266593	45.213 ng	98
60) Diethylphthalate	15.41	149	1015131	43.360 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	482744	42.324 ng	99
62) 4-Nitroaniline	15.65	138	246425	41.535 ng	98
63) Azobenzene	15.93	77	954564	43.965 ng	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	166908	45.564 ng	97
66) n-Nitrosodiphenylamine	15.85	169	883454	41.968 ng	99
67) 4-Bromophenyl-phenylether	16.52	248	314691	39.142 ng	99
68) Hexachlorobenzene	16.65	284	338305	39.052 ng	99
69) Atrazine	16.80	200	338395	49.454 ng	99
70) Pentachlorophenol	16.99	266	377974	79.149 ng	99
71) Phenanthrene	17.38	178	1482225	43.230 ng	99
72) Anthracene	17.47	178	1522362	44.927 ng	99
73) Carbazole	17.74	167	1391985	44.472 ng	99
74) Di-n-butylphthalate	18.31	149	1711121	42.818 ng	99
75) Fluoranthene	19.39	202	1709072	43.586 ng	99
77) Benzidine	19.56	184	843339	53.350 ng	99
78) Pyrene	19.74	202	1719275	41.882 ng	100
80) Butylbenzylphthalate	20.64	149	810892	41.491 ng	98
81) Benzo(a)anthracene	21.57	228	1668579	42.788 ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	516017	33.494 ng	100
83) Chrysene	21.63	228	1575777	42.527 ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1136059	42.128 ng	99
85) Di-n-octyl phthalate	22.68	149	1959484	43.222 ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2031720	40.347 ng	99
88) Benzo(b)fluoranthene	23.72	252	1775347	42.512 ng	99
89) Benzo(k)fluoranthene	23.79	252	1727390	43.498 ng	100
90) Benzo(a)pyrene	24.57	252	1655542	42.002 ng	100
91) Dibenzo(a,h)anthracene	28.32	278	1662755	42.005 ng	100
92) Benzo(g,h,i)perylene	29.36	276	1642734	41.778 ng	99

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

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