Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043939.D
Acq On : 6 Jan 2020 20:13
Operator : JU
Sample : IDOC-S-02-CG
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-S-02-CG

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:47 PM

Quant Time: Jan 07 06:46:36 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	118524	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	529527	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	344097	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	755088	20.00	ng	0.00
76) Chrysene-d12	21.58	240	654812	20.00	ng	0.00
87) Perylene-d12	24.72	264	745251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	869727	134.73	ng	0.00
7) Phenol-d6	7.13	99	1138064	126.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	723948	73.14	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	427230	118.65	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1558713	82.07	ng	0.00
79) Terphenyl-d14	19.95	244	2178204	78.59	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	113037	40.162	ng	99
3) Pyridine	3.82	79	282431	33.968	ng	96
4) n-Nitrosodimethylamine	3.74	42	148362	40.078	ng	98
6) Aniline	7.28	93	382615	32.284	ng	98
8) 2-Chlorophenol	7.53	128	359581	47.450	ng	97
9) Benzaldehyde	7.09	77	215516	37.319	ng	99
10) Phenol	7.15	94	438534	47.171	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	338950	42.238	ng	99
12) 1,3-Dichlorobenzene	7.85	146	362139	40.836	ng	99
13) 1,4-Dichlorobenzene	7.99	146	369334	42.210	ng	99
14) 1,2-Dichlorobenzene	8.32	146	348864	41.539	ng	100
15) Benzyl Alcohol	8.19	79	309213	43.421	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	477502	38.461	ng	100
17) 2-Methylphenol	8.41	107	316511	47.047	ng	98
18) Hexachloroethane	9.05	117	139399	40.943	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	269877	40.162	ng	98
20) 3+4-Methylphenols	8.73	107	428365	45.643	ng	96
22) Acetophenone	8.78	105	497619	37.800	ng	99
24) Nitrobenzene	9.16	77	383577	39.126	ng	99
25) Isophorone	9.68	82	732086	39.422	ng	100
26) 2-Nitrophenol	9.87	139	196687	42.405	ng	98
27) 2,4-Dimethylphenol	9.94	122	341362	48.892	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	470021	37.964	ng	99
29) 2,4-Dichlorophenol	10.41	162	354369	42.550	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	359398	38.487	ng	99
31) Naphthalene	10.82	128	1051400	41.031	ng	99
32) Benzoic acid	10.06	122	132253	26.488	ng	95
33) 4-Chloroaniline	10.91	127	271990	22.254	ng	100
34) Hexachlorobutadiene	11.11	225	209400	36.728	ng	98
35) Caprolactam	11.68	113	132101m	42.608	ng	
36) 4-Chloro-3-methylphenol	12.04	107	376738	42.493	ng	97
37) 2-Methylnaphthalene	12.42	142	782269	40.549	ng	97
38) 1-Methylnaphthalene	12.64	142	745206	40.757	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	372567	36.941	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	12.78	237	493979	94.474	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	282149	40.658	ng		98
44) 2,4,5-Trichlorophenol	13.10	196	303547	42.410	ng		98
46) 1,1'-Biphenyl	13.43	154	989222	40.096	ng		98
47) 2-Chloronaphthalene	13.46	162	775508	38.900	ng		98
48) 2-Nitroaniline	13.66	65	246641	38.461	ng		97
49) Acenaphthylene	14.31	152	1210428	42.243	ng		98
50) Dimethylphthalate	14.05	163	988152	40.445	ng		99
51) 2,6-Dinitrotoluene	14.16	165	228027	41.292	ng		97
52) Acenaphthene	14.66	154	856922	42.644	ng		98
53) 3-Nitroaniline	14.49	138	181244	28.902	ng		98
54) 2,4-Dinitrophenol	14.69	184	189919	68.363	ng		97
55) Dibenzofuran	14.99	168	1166024	42.152	ng		99
56) 4-Nitrophenol	14.80	139	438077	91.162	ng		96
57) 2,4-Dinitrotoluene	14.95	165	316866	42.169	ng		98
58) Fluorene	15.64	166	921740	42.040	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	260478	42.323	ng		98
60) Diethylphthalate	15.42	149	1014691	41.523	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	481336	40.430	ng		97
62) 4-Nitroaniline	15.65	138	245710	39.677	ng		96
63) Azobenzene	15.93	77	950687	41.949	ng		100
65) 4,6-Dinitro-2-methylphenol	15.71	198	157733	41.226	ng		97
66) n-Nitrosodiphenylamine	15.84	169	868286	39.048	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	314102	36.986	ng		97
68) Hexachlorobenzene	16.65	284	333049	36.395	ng		98
69) Atrazine	16.80	200	329681	45.612	ng		99
70) Pentachlorophenol	16.99	266	364050	72.169	ng		99
71) Phenanthrene	17.38	178	1461613	40.356	ng		99
72) Anthracene	17.47	178	1498981	41.878	ng		100
73) Carbazole	17.74	167	1383082	41.831	ng		99
74) Di-n-butylphthalate	18.31	149	1698299	40.231	ng		99
75) Fluoranthene	19.38	202	1700022	41.043	ng		98
77) Benzidine	19.56	184	910615	55.326	ng		99
78) Pyrene	19.75	202	1703265	39.850	ng		99
80) Butylbenzylphthalate	20.64	149	796680	39.150	ng		98
81) Benzo(a)anthracene	21.57	228	1651060	40.663	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	500548	31.204	ng		97
83) Chrysene	21.63	228	1551034	40.202	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1120311	39.900	ng		99
85) Di-n-octyl phthalate	22.68	149	1929831	40.883	ng		99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2027779	38.675	ng	#	89
88) Benzo(b)fluoranthene	23.72	252	1754076	39.813	ng		99
89) Benzo(k)fluoranthene	23.79	252	1685105	40.221	ng		99
90) Benzo(a)pyrene	24.56	252	1625018	39.079	ng		98
91) Dibenzo(a,h)anthracene	28.32	278	1648794	39.482	ng		97
92) Benzo(g,h,i)perylene	29.35	276	1643140	39.611	ng		97

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

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