Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043952.D
Acq On : 7 Jan 2020 13:05
Operator : JU
Sample : IDOC-W-03-CG
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-W-03-CG

Manual Integrations APPROVED
mohammad
1/8/2020 4:26:05 PM

Quant Time: Jan 07 16:56:40 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	113697	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	495434	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	338972	20.00	ng		0.00
64) Phenanthrene-d10	17.33	188	738011	20.00	ng		0.00
76) Chrysene-d12	21.59	240	644882	20.00	ng		0.00
87) Perylene-d12	24.71	264	707148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	748562	120.89	ng		0.00
7) Phenol-d6	7.13	99	998857	115.40	ng		0.00
23) Nitrobenzene-d5	9.11	82	629119	67.93	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	381865	107.65	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1397331	74.69	ng		0.00
79) Terphenyl-d14	19.95	244	2019509	72.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	104231	38.605	ng		99
3) Pyridine	3.82	79	254533	31.912	ng		96
4) n-Nitrosodimethylamine	3.74	42	133436	37.576	ng		100
6) Aniline	7.28	93	347945	30.605	ng		98
8) 2-Chlorophenol	7.53	128	322907	44.419	ng		98
9) Benzaldehyde	7.09	77	189864	34.273	ng		98
10) Phenol	7.16	94	401256	44.994	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	298265	38.746	ng		98
12) 1,3-Dichlorobenzene	7.85	146	322462	37.906	ng		99
13) 1,4-Dichlorobenzene	8.00	146	327069	38.967	ng		99
14) 1,2-Dichlorobenzene	8.31	146	308271	38.264	ng		99
15) Benzyl Alcohol	8.20	79	277475	40.619	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	409278	34.365	ng		98
17) 2-Methylphenol	8.40	107	281413	43.605	ng		98
18) Hexachloroethane	9.05	117	122588	37.534	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	237669	36.871	ng	#	97
20) 3+4-Methylphenols	8.73	107	391230	43.456	ng		99
22) Acetophenone	8.78	105	443733	36.026	ng	#	99
24) Nitrobenzene	9.15	77	337940	36.843	ng		99
25) Isophorone	9.68	82	648771	37.340	ng		99
26) 2-Nitrophenol	9.87	139	174736	40.265	ng		98
27) 2,4-Dimethylphenol	9.94	122	313747	48.029	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	417336	36.029	ng		99
29) 2,4-Dichlorophenol	10.41	162	318148	40.830	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	318289	36.431	ng		98
31) Naphthalene	10.81	128	936900	39.079	ng		99
32) Benzoic acid	10.06	122	120779	26.004	ng		93
33) 4-Chloroaniline	10.91	127	265753	23.240	ng		99
34) Hexachlorobutadiene	11.11	225	182271	34.169	ng		98
35) Caprolactam	11.67	113	121750m	41.972	ng		
36) 4-Chloro-3-methylphenol	12.04	107	347489	41.891	ng		98
37) 2-Methylnaphthalene	12.42	142	710935	39.388	ng		98
38) 1-Methylnaphthalene	12.64	142	672980	39.340	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	337633	33.983	ng		99

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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)
41) Hexachlorocyclopentadiene	12.77	237	433488	84.159 ng	97
43) 2,4,6-Trichlorophenol	13.03	196	257179	37.620 ng	97
44) 2,4,5-Trichlorophenol	13.10	196	281340	39.902 ng	99
46) 1,1'-Biphenyl	13.43	154	903766	37.186 ng	100
47) 2-Chloronaphthalene	13.47	162	708808	36.092 ng	99
48) 2-Nitroaniline	13.66	65	228064	36.101 ng	99
49) Acenaphthylene	14.31	152	1122727	39.775 ng	98
50) Dimethylphthalate	14.05	163	918485	38.162 ng	98
51) 2,6-Dinitrotoluene	14.16	165	211136	38.812 ng	95
52) Acenaphthene	14.66	154	800316m	40.430 ng	
53) 3-Nitroaniline	14.49	138	169685	27.468 ng	98
54) 2,4-Dinitrophenol	14.69	184	186423	68.139 ng	99
55) Dibenzofuran	14.99	168	1077070	39.525 ng	99
56) 4-Nitrophenol	14.80	139	410468	86.708 ng	96
57) 2,4-Dinitrotoluene	14.95	165	295105	39.867 ng	99
58) Fluorene	15.64	166	857700	39.711 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	245424	40.480 ng	98
60) Diethylphthalate	15.41	149	937554	38.946 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	444001	37.858 ng	98
62) 4-Nitroaniline	15.65	138	228736	37.495 ng	97
63) Azobenzene	15.93	77	882245	39.518 ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	152220	40.761 ng	98
66) n-Nitrosodiphenylamine	15.85	169	810853	37.309 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	289324	34.857 ng	97
68) Hexachlorobenzene	16.65	284	312612	34.953 ng	99
69) Atrazine	16.79	200	309902	43.867 ng	99
70) Pentachlorophenol	16.99	266	349562	70.900 ng	99
71) Phenanthrene	17.38	178	1372306	38.767 ng	99
72) Anthracene	17.47	178	1409373	40.286 ng	99
73) Carbazole	17.73	167	1288705	39.879 ng	98
74) Di-n-butylphthalate	18.30	149	1583885	38.389 ng	98
75) Fluoranthene	19.38	202	1588502	39.238 ng	99
77) Benzidine	19.56	184	715977	44.170 ng	98
78) Pyrene	19.75	202	1589934	37.771 ng	97
80) Butylbenzylphthalate	20.64	149	741696	37.010 ng	97
81) Benzo(a)anthracene	21.57	228	1533322	38.345 ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	480316	30.404 ng	97
83) Chrysene	21.63	228	1464628	38.547 ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	1042716	37.708 ng	97
85) Di-n-octyl phthalate	22.68	149	1814942	39.041 ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	1874153	36.295 ng	98
88) Benzo(b)fluoranthene	23.72	252	1606988	38.440 ng	99
89) Benzo(k)fluoranthene	23.79	252	1615720	40.643 ng	99
90) Benzo(a)pyrene	24.57	252	1514501	38.384 ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1522897	38.432 ng	98
92) Benzo(g,h,i)perylene	29.35	276	1489289	37.837 ng	97

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

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