Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044285.D
Acq On : 4 Feb 2020 17:56
Operator : CG/JU
Sample : PB126573BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126573BS

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:54 PM

Quant Time: Feb 05 04:52:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	95973	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	401764	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	247558	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	571863	20.00	ng		0.00
76) Chrysene-d12	21.55	240	563035	20.00	ng		0.00
87) Perylene-d12	24.65	264	431353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	695294	127.86	ng		0.00
7) Phenol-d6	7.09	99	957272	131.09	ng		0.00
23) Nitrobenzene-d5	9.08	82	541207	76.05	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	378449	130.22	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1207057	81.65	ng		0.00
79) Terphenyl-d14	19.92	244	1804832	65.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	81105	33.195	ng		99
3) Pyridine	3.78	79	211439	32.482	ng		96
4) n-Nitrosodimethylamine	3.69	42	102302	37.609	ng	#	97
6) Aniline	7.24	93	212525	23.446	ng		100
8) 2-Chlorophenol	7.48	128	256442	42.908	ng		99
9) Benzaldehyde	7.05	77	3521	0.847	ng		93
10) Phenol	7.12	94	316581	43.805	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	234512	37.955	ng		95
12) 1,3-Dichlorobenzene	7.81	146	262131	36.735	ng		99
13) 1,4-Dichlorobenzene	7.95	146	262651	37.163	ng		98
14) 1,2-Dichlorobenzene	8.27	146	248952	37.267	ng		98
15) Benzyl Alcohol	8.15	79	217087	41.990	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	315451	37.721	ng		99
17) 2-Methylphenol	8.36	107	221262	42.911	ng		98
18) Hexachloroethane	9.00	117	96555	36.407	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	188979	38.831	ng		97
20) 3+4-Methylphenols	8.69	107	308823	43.458	ng		99
22) Acetophenone	8.73	105	361654	37.003	ng	#	99
24) Nitrobenzene	9.12	77	265105	38.159	ng		98
25) Isophorone	9.64	82	520232	39.221	ng		100
26) 2-Nitrophenol	9.83	139	149861	41.572	ng		98
27) 2,4-Dimethylphenol	9.90	122	243247	47.802	ng		98
28) bis(2-Chloroethoxy)methane	10.12	93	328819	37.162	ng		99
29) 2,4-Dichlorophenol	10.37	162	257147	41.792	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	254721	36.103	ng		98
31) Naphthalene	10.77	128	750245	38.489	ng		99
32) Benzoic acid	10.05	122	152592	46.256	ng		91
33) 4-Chloroaniline	10.87	127	163301	18.420	ng		98
34) Hexachlorobutadiene	11.07	225	149878	34.523	ng		98
35) Caprolactam	11.64	113	96470m	42.800	ng		
36) 4-Chloro-3-methylphenol	12.01	107	278123	43.112	ng		99
37) 2-Methylnaphthalene	12.38	142	567031	39.180	ng		99
38) 1-Methylnaphthalene	12.59	142	543989	39.868	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	281328	37.990	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	205755	57.906 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	208874	43.637 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	223747	45.765 ng	99
46) 1,1'-Biphenyl	13.39	154	724335	40.564 ng	100
47) 2-Chloronaphthalene	13.43	162	568034	39.976 ng	99
48) 2-Nitroaniline	13.63	65	173881	41.465 ng	97
49) Acenaphthylene	14.27	152	884955	42.461 ng	100
50) Dimethylphthalate	14.01	163	728827	40.956 ng	100
51) 2,6-Dinitrotoluene	14.12	165	169139	42.629 ng	98
52) Acenaphthene	14.62	154	555374	41.112 ng	98
53) 3-Nitroaniline	14.45	138	121856	27.760 ng	99
54) 2,4-Dinitrophenol	14.66	184	213494	89.778 ng	98
55) Dibenzofuran	14.96	168	866845	42.382 ng	100
56) 4-Nitrophenol	14.77	139	304644	94.743 ng	97
57) 2,4-Dinitrotoluene	14.92	165	240885	43.316 ng	97
58) Fluorene	15.60	166	690671	42.874 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	209720	47.490 ng	99
60) Diethylphthalate	15.38	149	754634	42.559 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	362581	41.511 ng	98
62) 4-Nitroaniline	15.62	138	174653	39.818 ng	98
63) Azobenzene	15.89	77	667627	42.960 ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	149394	47.326 ng	97
66) n-Nitrosodiphenylamine	15.81	169	645881	40.302 ng	100
67) 4-Bromophenyl-phenylether	16.49	248	238738	38.318 ng	97
68) Hexachlorobenzene	16.61	284	258832	37.081 ng	98
69) Atrazine	16.76	200	164467	29.941 ng	98
70) Pentachlorophenol	16.95	266	457367	127.628 ng	98
71) Phenanthrene	17.34	178	1114463	40.246 ng	99
72) Anthracene	17.44	178	1112545	40.637 ng	99
73) Carbazole	17.70	167	1041220	41.255 ng	99
74) Di-n-butylphthalate	18.27	149	1282569	41.122 ng	100
75) Fluoranthene	19.35	202	1312960	40.986 ng	100
77) Benzidine	19.53	184	149703	9.586 ng	98
78) Pyrene	19.71	202	1307235	36.153 ng	99
80) Butylbenzylphthalate	20.60	149	617938	37.501 ng	98
81) Benzo(a)anthracene	21.53	228	1277099	36.804 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	343857	25.532 ng	99
83) Chrysene	21.59	228	1206714	35.977 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	847211	37.355 ng	99
85) Di-n-octyl phthalate	22.62	149	1469972	37.459 ng	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	1542444	35.248 ng	99
88) Benzo(b)fluoranthene	23.66	252	1332258	53.599 ng	99
89) Benzo(k)fluoranthene	23.73	252	1298641	53.606 ng	99
90) Benzo(a)pyrene	24.50	252	1274358	54.225 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1256990	54.045 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1291326	55.462 ng	97

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

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