Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043912.D
Acq On : 4 Jan 2020 8:19
Operator : JU
Sample : PB125896BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Manual Integrations APPROVED
mohammad
1/6/2020 11:42:04 AM

Quant Time: Jan 06 04:58:36 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	127051	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	575794	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	382844	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	835794	20.00	ng	0.00
76) Chrysene-d12	21.59	240	710259	20.00	ng	0.00
87) Perylene-d12	24.72	264	814271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	653753	94.48	ng	0.00
7) Phenol-d6	7.13	99	866236	89.56	ng	0.00
23) Nitrobenzene-d5	9.12	82	870473	80.87	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	319513	79.75	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1831596	86.68	ng	0.00
79) Terphenyl-d14	19.95	244	2502746	84.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	120526	39.948	ng	97
3) Pyridine	3.82	79	308909	34.659	ng	96
4) n-Nitrosodimethylamine	3.74	42	167871	42.304	ng	98
6) Aniline	7.29	93	439471	34.593	ng	98
8) 2-Chlorophenol	7.53	128	410519	50.536	ng	99
9) Benzaldehyde	7.10	77	251534	40.632	ng	99
10) Phenol	7.16	94	508446	51.021	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	378349	43.983	ng	99
12) 1,3-Dichlorobenzene	7.86	146	407786	42.898	ng	99
13) 1,4-Dichlorobenzene	8.00	146	411240	43.845	ng	99
14) 1,2-Dichlorobenzene	8.32	146	392690	43.619	ng	98
15) Benzyl Alcohol	8.20	79	353273	46.279	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	544606	40.922	ng	99
17) 2-Methylphenol	8.41	107	355125	49.244	ng	96
18) Hexachloroethane	9.05	117	156421	42.859	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	305453	42.406	ng	98
20) 3+4-Methylphenols	8.74	107	490382	48.744	ng	99
22) Acetophenone	8.78	105	559751	39.103	ng	99
24) Nitrobenzene	9.16	77	434962	40.802	ng	99
25) Isophorone	9.69	82	830037	41.105	ng	99
26) 2-Nitrophenol	9.87	139	228130	45.232	ng	99
27) 2,4-Dimethylphenol	9.94	122	395657	52.115	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	535337	39.766	ng	98
29) 2,4-Dichlorophenol	10.41	162	410572	45.337	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	397928	39.189	ng	98
31) Naphthalene	10.82	128	1180216	42.357	ng	99
32) Benzoic acid	10.08	122	185543	32.357	ng	93
33) 4-Chloroaniline	10.92	127	314749	23.683	ng	98
34) Hexachlorobutadiene	11.12	225	230868	37.239	ng	98
35) Caprolactam	11.69	113	157291m	46.657	ng	
36) 4-Chloro-3-methylphenol	12.05	107	433907	45.008	ng	98
37) 2-Methylnaphthalene	12.42	142	889822	42.418	ng	97
38) 1-Methylnaphthalene	12.64	142	843733	42.438	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	422048	37.612	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	564339	97.007	ng	97
43) 2,4,6-Trichlorophenol	13.03	196	322958	41.828	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	348911	43.814	ng	99
46) 1,1'-Biphenyl	13.43	154	1128254	41.103	ng	99
47) 2-Chloronaphthalene	13.47	162	877930	39.581	ng	98
48) 2-Nitroaniline	13.67	65	284988	39.943	ng	99
49) Acenaphthylene	14.32	152	1378487	43.239	ng	99
50) Dimethylphthalate	14.05	163	1128091	41.499	ng	99
51) 2,6-Dinitrotoluene	14.17	165	260650	42.423	ng	96
52) Acenaphthene	14.66	154	977608	43.727	ng	99
53) 3-Nitroaniline	14.49	138	205066	29.391	ng	99
54) 2,4-Dinitrophenol	14.69	184	215658	69.659	ng	98
55) Dibenzofuran	14.99	168	1317113	42.795	ng	100
56) 4-Nitrophenol	14.81	139	504879	94.430	ng	99
57) 2,4-Dinitrotoluene	14.95	165	367272	43.931	ng	98
58) Fluorene	15.65	166	1037950	42.549	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	303125	44.267	ng	98
60) Diethylphthalate	15.42	149	1154847	42.475	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	544947	41.140	ng	99
62) 4-Nitroaniline	15.66	138	284210	41.249	ng	95
63) Azobenzene	15.93	77	1087819	43.142	ng	100
65) 4,6-Dinitro-2-methylphenol	15.72	198	185942	43.621	ng	98
66) n-Nitrosodiphenylamine	15.85	169	985687	40.047	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	355509	37.820	ng	98
68) Hexachlorobenzene	16.65	284	380477	37.563	ng	99
69) Atrazine	16.80	200	383101	47.884	ng	100
70) Pentachlorophenol	16.99	266	432102	77.388	ng	98
71) Phenanthrene	17.38	178	1646143	41.062	ng	99
72) Anthracene	17.47	178	1690662	42.673	ng	99
73) Carbazole	17.74	167	1558775	42.593	ng	99
74) Di-n-butylphthalate	18.31	149	1907341	40.820	ng	100
75) Fluoranthene	19.39	202	1874590	40.888	ng	99
77) Benzidine	19.56	184	1183560	66.295	ng	99
78) Pyrene	19.75	202	1880304	40.558	ng	99
80) Butylbenzylphthalate	20.65	149	904332	40.971	ng	96
81) Benzo(a)anthracene	21.57	228	1819109	41.305	ng	100
82) 3,3'-Dichlorobenzidine	21.49	252	529981	30.460	ng	98
83) Chrysene	21.64	228	1727037	41.270	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1258924	41.337	ng	99
85) Di-n-octyl phthalate	22.68	149	2162920	42.244	ng	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2308225	40.587	ng	99
88) Benzo(b)fluoranthene	23.73	252	1957127	40.657	ng	99
89) Benzo(k)fluoranthene	23.80	252	1871281	40.879	ng	99
90) Benzo(a)pyrene	24.58	252	1804173	39.710	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1899356	41.626	ng	99
92) Benzo(g,h,i)perylene	29.38	276	1908494	42.108	ng	98

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

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