Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044339.D
Acq On : 7 Feb 2020 16:19
Operator : CG/JU
Sample : PB126671BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126671BSD

Manual Integrations APPROVED
mohammad
2/11/2020 8:25:57 AM

Quant Time: Feb 08 02:53:30 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	7.91	152	73130	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	294424	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	192999	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	427081	20.00	ng	0.00
76) Chrysene-d12	21.54	240	387382	20.00	ng	0.00
87) Perylene-d12	24.63	264	439508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	412942	99.66	ng	0.00
7) Phenol-d6	7.09	99	542466	97.49	ng	0.00
23) Nitrobenzene-d5	9.07	82	435275	83.46	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	207619	91.64	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	976470	84.72	ng	0.00
79) Terphenyl-d14	19.91	244	1534863	81.50	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	88921	47.762	ng	99
3) Pyridine	3.77	79	211401	42.620	ng	96
4) n-Nitrosodimethylamine	3.68	42	102174	49.295	ng	100
6) Aniline	7.23	93	267531	38.734	ng	99
8) 2-Chlorophenol	7.48	128	245201	53.842	ng	99
9) Benzaldehyde	7.04	77	117710	37.143	ng	97
10) Phenol	7.12	94	301010	54.661	ng	100
11) bis(2-Chloroethyl)ether	7.33	93	225851	47.972	ng	98
12) 1,3-Dichlorobenzene	7.80	146	257619	47.379	ng	97
13) 1,4-Dichlorobenzene	7.95	146	255658	47.473	ng	99
14) 1,2-Dichlorobenzene	8.27	146	242969	47.732	ng	100
15) Benzyl Alcohol	8.15	79	198686	50.435	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	292654	45.927	ng	100
17) 2-Methylphenol	8.36	107	205832	52.387	ng	97
18) Hexachloroethane	9.00	117	94402	46.713	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	172824	46.603	ng	99
20) 3+4-Methylphenols	8.69	107	282737	52.215	ng	97
22) Acetophenone	8.73	105	329882	46.057	ng	99
24) Nitrobenzene	9.11	77	246049	48.328	ng	99
25) Isophorone	9.64	82	468204	48.168	ng	99
26) 2-Nitrophenol	9.82	139	136536	51.684	ng	99
27) 2,4-Dimethylphenol	9.89	122	230350	61.771	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	302411	46.637	ng	100
29) 2,4-Dichlorophenol	10.36	162	239050	53.014	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	239583	46.337	ng	98
31) Naphthalene	10.76	128	706184	49.437	ng	99
32) Benzoic acid	10.05	122	91845	40.523	ng	90
33) 4-Chloroaniline	10.87	127	171681	26.426	ng	98
34) Hexachlorobutadiene	11.06	225	143478	45.098	ng	98
35) Caprolactam	11.63	113	88666m	53.679	ng	
36) 4-Chloro-3-methylphenol	12.00	107	247886	52.433	ng	99
37) 2-Methylnaphthalene	12.37	142	518115	48.851	ng	98
38) 1-Methylnaphthalene	12.59	142	492697	49.274	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	253360	43.885	ng	98

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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	12.73	237	330523	119.315 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	185840	49.801 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	207274	54.381 ng	99
46) 1,1'-Biphenyl	13.38	154	655323	47.074 ng	99
47) 2-Chloronaphthalene	13.43	162	513714	46.373 ng	100
48) 2-Nitroaniline	13.63	65	151556	46.358 ng	93
49) Acenaphthylene	14.27	152	814612	50.136 ng	99
50) Dimethylphthalate	14.01	163	666616	48.050 ng	99
51) 2,6-Dinitrotoluene	14.12	165	153274	49.551 ng	99
52) Acenaphthene	14.61	154	503829	47.840 ng	97
53) 3-Nitroaniline	14.45	138	100871	29.475 ng	99
54) 2,4-Dinitrophenol	14.66	184	175932	94.462 ng	98
55) Dibenzofuran	14.95	168	781813	49.031 ng	99
56) 4-Nitrophenol	14.77	139	285471	113.878 ng	98
57) 2,4-Dinitrotoluene	14.91	165	214071	49.377 ng	95
58) Fluorene	15.60	166	616251	49.068 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	178517	51.852 ng	98
60) Diethylphthalate	15.37	149	667210	48.266 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	323054	47.441 ng	99
62) 4-Nitroaniline	15.61	138	152735	44.664 ng	98
63) Azobenzene	15.88	77	595564	49.157 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	131013	55.573 ng	99
66) n-Nitrosodiphenylamine	15.81	169	579343	48.405 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	212702	45.713 ng	98
68) Hexachlorobenzene	16.61	284	237025	45.469 ng	98
69) Atrazine	16.76	200	222796	54.310 ng	99
70) Pentachlorophenol	16.95	266	266475	100.259 ng	97
71) Phenanthrene	17.34	178	1004747	48.584 ng	99
72) Anthracene	17.43	178	1028495	50.302 ng	99
73) Carbazole	17.69	167	943720	50.067 ng	100
74) Di-n-butylphthalate	18.26	149	1161938	49.884 ng	99
75) Fluoranthene	19.35	202	1209228	50.545 ng	100
77) Benzidine	19.52	184	556442	51.786 ng	98
78) Pyrene	19.71	202	1218411	48.976 ng	99
80) Butylbenzylphthalate	20.60	149	538914	47.536 ng	100
81) Benzo(a)anthracene	21.52	228	1160348	48.602 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	307697	33.207 ng	98
83) Chrysene	21.59	228	1117695	48.433 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	763599	48.934 ng	100
85) Di-n-octyl phthalate	22.61	149	1346162	49.859 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1444625	47.982 ng	100
88) Benzo(b)fluoranthene	23.66	252	1244105	49.124 ng	99
89) Benzo(k)fluoranthene	23.73	252	1218701	49.373 ng	99
90) Benzo(a)pyrene	24.49	252	1148434	47.961 ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1185173	50.011 ng	99
92) Benzo(g,h,i)perylene	29.23	276	1204758	50.784 ng	98

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

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