Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044384.D
Acq On : 11 Feb 2020 11:07
Operator : CG/JU
Sample : PB126703BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Manual Integrations APPROVED
mohammad
2/13/2020 10:29:37 AM

Quant Time: Feb 11 14:02:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	76842	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	309203	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	198173	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	432466	20.00	ng	0.00
76) Chrysene-d12	21.53	240	384282	20.00	ng	0.00
87) Perylene-d12	24.62	264	436034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	426203	97.89	ng	0.00
7) Phenol-d6	7.08	99	557691	95.38	ng	0.00
23) Nitrobenzene-d5	9.06	82	449631	82.10	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	213825	91.91	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	999168	84.43	ng	0.00
79) Terphenyl-d14	19.91	244	1526337	81.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	92590	47.330	ng	98
3) Pyridine	3.76	79	220365	42.281	ng	97
4) n-Nitrosodimethylamine	3.68	42	107264	49.251	ng	99
6) Aniline	7.23	93	278227	38.337	ng	100
8) 2-Chlorophenol	7.47	128	252973	52.865	ng	100
9) Benzaldehyde	7.04	77	122568	36.808	ng	98
10) Phenol	7.11	94	305302	52.762	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	236100	47.726	ng	99
12) 1,3-Dichlorobenzene	7.80	146	271231	47.473	ng	97
13) 1,4-Dichlorobenzene	7.94	146	271705	48.015	ng	100
14) 1,2-Dichlorobenzene	8.26	146	252696	47.245	ng	99
15) Benzyl Alcohol	8.14	79	205743	49.703	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	305123	45.570	ng	99
17) 2-Methylphenol	8.36	107	214631	51.988	ng	99
18) Hexachloroethane	8.99	117	99368	46.795	ng	98
19) n-Nitroso-di-n-propylamine	8.71	70	176819	45.377	ng	99
20) 3+4-Methylphenols	8.68	107	291791	51.284	ng	98
22) Acetophenone	8.73	105	339737	45.166	ng	99
24) Nitrobenzene	9.10	77	254624	47.622	ng	99
25) Isophorone	9.63	82	486403	47.648	ng	98
26) 2-Nitrophenol	9.82	139	141861	51.133	ng	99
27) 2,4-Dimethylphenol	9.89	122	236418	60.367	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	313242	45.999	ng	100
29) 2,4-Dichlorophenol	10.36	162	244190	51.566	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	252917	46.578	ng	99
31) Naphthalene	10.76	128	736340	49.084	ng	99
32) Benzoic acid	10.05	122	99232	41.282	ng	93
33) 4-Chloroaniline	10.86	127	162760	23.855	ng	98
34) Hexachlorobutadiene	11.05	225	151774	45.425	ng	99
35) Caprolactam	11.63	113	88001m	50.730	ng	
36) 4-Chloro-3-methylphenol	12.00	107	254672	51.294	ng	99
37) 2-Methylnaphthalene	12.37	142	536853	48.199	ng	99
38) 1-Methylnaphthalene	12.59	142	512013	48.758	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	264907	44.687	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	329807	115.948 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	190965	49.838 ng	100
44) 2,4,5-Trichlorophenol	13.06	196	209796	53.605 ng	99
46) 1,1'-Biphenyl	13.38	154	680203	47.585 ng	99
47) 2-Chloronaphthalene	13.42	162	527234	46.351 ng	98
48) 2-Nitroaniline	13.62	65	156062	46.490 ng	98
49) Acenaphthylene	14.27	152	838744	50.273 ng	100
50) Dimethylphthalate	14.00	163	682650	47.921 ng	99
51) 2,6-Dinitrotoluene	14.11	165	156819	49.373 ng	99
52) Acenaphthene	14.61	154	514756	47.601 ng	97
53) 3-Nitroaniline	14.44	138	105938	30.147 ng	99
54) 2,4-Dinitrophenol	14.65	184	167801	88.286 ng	99
55) Dibenzofuran	14.94	168	803306	49.063 ng	100
56) 4-Nitrophenol	14.77	139	279872	108.730 ng	99
57) 2,4-Dinitrotoluene	14.91	165	219238	49.248 ng	96
58) Fluorene	15.59	166	635289	49.264 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	186212	52.675 ng	98
60) Diethylphthalate	15.36	149	678793	47.821 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	333929	47.758 ng	99
62) 4-Nitroaniline	15.61	138	156080	44.451 ng	97
63) Azobenzene	15.88	77	612184	49.210 ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	128032	53.633 ng	99
66) n-Nitrosodiphenylamine	15.80	169	595338	49.122 ng	98
67) 4-Bromophenyl-phenylether	16.48	248	220609	46.822 ng	98
68) Hexachlorobenzene	16.60	284	241421	45.735 ng	99
69) Atrazine	16.75	200	226980	54.641 ng	97
70) Pentachlorophenol	16.95	266	260710	96.975 ng	99
71) Phenanthrene	17.33	178	1012334	48.341 ng	99
72) Anthracene	17.42	178	1045637	50.504 ng	99
73) Carbazole	17.69	167	948973	49.719 ng	100
74) Di-n-butylphthalate	18.26	149	1165336	49.407 ng	100
75) Fluoranthene	19.34	202	1212514	50.051 ng	99
77) Benzidine	19.52	184	594256	55.751 ng	99
78) Pyrene	19.70	202	1210656	49.057 ng	100
80) Butylbenzylphthalate	20.59	149	534440	47.521 ng	99
81) Benzo(a)anthracene	21.52	228	1165502	49.211 ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	324838	35.340 ng	99
83) Chrysene	21.58	228	1119949	48.922 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	756286	48.857 ng	100
85) Di-n-octyl phthalate	22.60	149	1321129	49.326 ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1421896	47.608 ng	100
88) Benzo(b)fluoranthene	23.65	252	1230257	48.964 ng	98
89) Benzo(k)fluoranthene	23.71	252	1199465	48.981 ng	99
90) Benzo(a)pyrene	24.48	252	1137263	47.872 ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1174198	49.943 ng	98
92) Benzo(g,h,i)perylene	29.21	276	1196075	50.819 ng	98

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

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