Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044017.D
Acq On : 13 Jan 2020 18:21
Operator : JU
Sample : PB126034BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126034BS

Manual Integrations APPROVED
mohammad
1/14/2020 12:24:48 PM

Quant Time: Jan 14 10:24:59 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	7.95	152	106737	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	450190	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	294738	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	631399	20.00	ng	-0.01
76) Chrysene-d12	21.58	240	551134	20.00	ng	-0.01
87) Perylene-d12	24.72	264	536501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	805632	138.59	ng	-0.01
7) Phenol-d6	7.12	99	1043404	128.41	ng	0.00
23) Nitrobenzene-d5	9.10	82	653170	77.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	404164	131.04	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1432334	88.05	ng	-0.02
79) Terphenyl-d14	19.94	244	2060957	92.15	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	120262	47.447	ng	98
3) Pyridine	3.81	79	284200	37.955	ng	95
4) n-Nitrosodimethylamine	3.73	42	141002	42.296	ng	96
6) Aniline	7.27	93	375388	35.172	ng	96
8) 2-Chlorophenol	7.52	128	343191	50.288	ng	97
9) Benzaldehyde	7.08	77	189609m	36.458	ng	
10) Phenol	7.15	94	423761	50.616	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	322811	44.669	ng	99
12) 1,3-Dichlorobenzene	7.84	146	359180	44.975	ng	99
13) 1,4-Dichlorobenzene	7.98	146	362476	46.001	ng	98
14) 1,2-Dichlorobenzene	8.30	146	342784	45.322	ng	98
15) Benzyl Alcohol	8.18	79	291903	45.517	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	433966	38.814	ng	99
17) 2-Methylphenol	8.39	107	297839	49.160	ng	98
18) Hexachloroethane	9.03	117	133084	43.405	ng	95
19) n-Nitroso-di-n-propylamine	8.75	70	251661	41.587	ng	97
20) 3+4-Methylphenols	8.72	107	410881	48.614	ng	100
22) Acetophenone	8.76	105	468974	41.902	ng	99
24) Nitrobenzene	9.15	77	354466	42.528	ng	98
25) Isophorone	9.67	82	682729	43.243	ng	98
26) 2-Nitrophenol	9.86	139	195049	49.463	ng	97
27) 2,4-Dimethylphenol	9.92	122	328636	55.364	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	438119	41.624	ng	99
29) 2,4-Dichlorophenol	10.40	162	346937	48.999	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	338866	42.684	ng	98
31) Naphthalene	10.80	128	995613	45.701	ng	99
32) Benzoic acid	10.07	122	186814	39.866	ng	94
33) 4-Chloroaniline	10.90	127	237366	22.844	ng	97
34) Hexachlorobutadiene	11.10	225	199117	41.079	ng	97
35) Caprolactam	11.67	113	127590m	48.406	ng	
36) 4-Chloro-3-methylphenol	12.03	107	357440	47.421	ng	97
37) 2-Methylnaphthalene	12.41	142	738702	45.039	ng	97
38) 1-Methylnaphthalene	12.62	142	699823	45.020	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	354362	41.020	ng	99

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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	425455	94.996 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	273538	46.018 ng	96
44) 2,4,5-Trichlorophenol	13.09	196	291737	47.586 ng	98
46) 1,1'-Biphenyl	13.41	154	918646	43.471 ng	100
47) 2-Chloronaphthalene	13.45	162	730841	42.799 ng	98
48) 2-Nitroaniline	13.65	65	224479	40.867 ng	95
49) Acenaphthylene	14.30	152	1144981	46.651 ng	99
50) Dimethylphthalate	14.03	163	932664	44.566 ng	99
51) 2,6-Dinitrotoluene	14.15	165	216147	45.696 ng	99
52) Acenaphthene	14.65	154	717526	41.687 ng	99
53) 3-Nitroaniline	14.47	138	161629	30.090 ng	98
54) 2,4-Dinitrophenol	14.69	184	245597	100.415 ng	93
55) Dibenzofuran	14.98	168	1101123	46.472 ng	98
56) 4-Nitrophenol	14.79	139	406910	98.856 ng	94
57) 2,4-Dinitrotoluene	14.93	165	300134	46.632 ng	98
58) Fluorene	15.63	166	858772	45.727 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	255201	48.409 ng	97
60) Diethylphthalate	15.40	149	936856	44.758 ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	451428	44.268 ng	97
62) 4-Nitroaniline	15.64	138	215984	40.718 ng	95
63) Azobenzene	15.91	77	854853	44.038 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	181609	55.110 ng	95
66) n-Nitrosodiphenylamine	15.83	169	809397	43.530 ng	100
67) 4-Bromophenyl-phenylether	16.51	248	294187	41.427 ng	98
68) Hexachlorobenzene	16.64	284	317749	41.526 ng	98
69) Atrazine	16.78	200	309891	51.273 ng	100
70) Pentachlorophenol	16.98	266	385144	91.307 ng	100
71) Phenanthrene	17.37	178	1348914	44.541 ng	100
72) Anthracene	17.45	178	1383708	46.231 ng	99
73) Carbazole	17.72	167	1269979	45.935 ng	98
74) Di-n-butylphthalate	18.29	149	1566120	44.368 ng	98
75) Fluoranthene	19.37	202	1556923	44.952 ng	98
77) Benzidine	19.55	184	505693	36.504 ng	97
78) Pyrene	19.73	202	1581261	43.955 ng	99
80) Butylbenzylphthalate	20.63	149	734506	42.885 ng	95
81) Benzo(a)anthracene	21.55	228	1488258	43.549 ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	462865	34.283 ng	99
83) Chrysene	21.63	228	1496446	46.084 ng	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1022356	43.261 ng	98
85) Di-n-octyl phthalate	22.67	149	1787170	44.983 ng	97
86) Indeno(1,2,3-cd)pyrene	28.29	276	1839751m	41.689 ng	
88) Benzo(b)fluoranthene	23.71	252	1568256	49.446 ng	99
89) Benzo(k)fluoranthene	23.79	252	1590412	52.732 ng	99
90) Benzo(a)pyrene	24.57	252	1460395	48.786 ng	99
91) Dibenzo(a,h)anthracene	28.37	278	1535220	51.066 ng	97
92) Benzo(g,h,i)perylene	29.48	276	1554859	52.067 ng	98

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

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