Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
Data File : BG046169.D
Acq On : 5 Aug 2020 11:09
Operator : CG/JU
Sample : PB130741BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130741BS

Manual Integrations APPROVED
mohammad
8/6/2020 1:20:31 PM

Quant Time: Aug 05 13:13:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	98971	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	397126	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	265607	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	633557	20.00	ng		0.00
76) Chrysene-d12	21.56	240	668514	20.00	ng		0.00
86) Perylene-d12	24.67	264	720892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	588518	103.37	ng		0.00
7) Phenol-d6	7.12	99	721083	92.93	ng		0.00
23) Nitrobenzene-d5	9.10	82	466332	63.58	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	407662	99.93	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1175253	64.28	ng		0.00
79) Terphenyl-d14	19.93	244	1903440	57.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	72648	28.035	ng		99
3) Pyridine	3.83	79	172724	24.212	ng		98
4) n-Nitrosodimethylamine	3.75	42	97909	32.248	ng		94
6) Aniline	7.28	93	268752	29.097	ng		98
8) 2-Chlorophenol	7.52	128	241069	38.309	ng		98
9) Benzaldehyde	7.09	77	164102	35.641	ng		98
10) Phenol	7.15	94	297014	38.098	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	222154	35.825	ng		98
12) 1,3-Dichlorobenzene	7.85	146	264970	34.739	ng		98
13) 1,4-Dichlorobenzene	7.99	146	267209	34.888	ng		98
14) 1,2-Dichlorobenzene	8.30	146	260895	36.118	ng		98
15) Benzyl Alcohol	8.19	79	199995	37.309	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	347513	34.182	ng		97
17) 2-Methylphenol	8.39	107	210311	39.959	ng		98
18) Hexachloroethane	9.04	117	91937	35.891	ng		99
19) n-Nitroso-di-n-propylamine	8.76	70	174782	34.611	ng		98
20) 3+4-Methylphenols	8.72	107	283620	39.370	ng		98
22) Acetophenone	8.77	105	350761	34.416	ng	#	97
24) Nitrobenzene	9.15	77	252219	32.252	ng		97
25) Isophorone	9.67	82	481509	32.991	ng		99
26) 2-Nitrophenol	9.86	139	131956	37.232	ng		97
27) 2,4-Dimethylphenol	9.93	122	222116	38.520	ng		99
28) bis(2-Chloroethoxy)methane	10.15	93	298757	37.646	ng		99
29) 2,4-Dichlorophenol	10.40	162	255096	37.608	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	277572	34.932	ng		97
31) Naphthalene	10.80	128	708420	33.714	ng		99
32) Benzoic acid	10.05	122	136313	35.261	ng		96
33) 4-Chloroaniline	10.90	127	185262	21.576	ng		98
34) Hexachlorobutadiene	11.10	225	178565	33.757	ng		99
35) Caprolactam	11.66	113	82299m	37.069	ng		
36) 4-Chloro-3-methylphenol	12.03	107	243807	36.627	ng		97
37) 2-Methylnaphthalene	12.41	142	553640	34.242	ng		99
38) 1-Methylnaphthalene	12.62	142	524469	34.279	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	325081	33.969	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	434163	79.094 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	220204	36.066 ng	95
44) 2,4,5-Trichlorophenol	13.08	196	239452	35.944 ng	97
46) 1,1'-Biphenyl	13.42	154	710548	34.102 ng	97
47) 2-Chloronaphthalene	13.46	162	560138	33.702 ng	98
48) 2-Nitroaniline	13.65	65	157860	36.236 ng	98
49) Acenaphthylene	14.30	152	896700	34.745 ng	99
50) Dimethylphthalate	14.03	163	723204	35.476 ng	99
51) 2,6-Dinitrotoluene	14.14	165	166772	35.151 ng	93
52) Acenaphthene	14.64	154	627302	36.829 ng	98
53) 3-Nitroaniline	14.47	138	118607	25.217 ng	97
54) 2,4-Dinitrophenol	14.68	184	181898	62.236 ng	97
55) Dibenzofuran	14.98	168	866812	33.726 ng	99
56) 4-Nitrophenol	14.79	139	295609	72.389 ng	98
57) 2,4-Dinitrotoluene	14.93	165	238072	36.496 ng	94
58) Fluorene	15.62	166	706517	33.944 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	239583	38.182 ng	97
60) Diethylphthalate	15.40	149	707941	35.302 ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	389076	35.791 ng	96
62) 4-Nitroaniline	15.64	138	169291	35.787 ng	97
63) Azobenzene	15.91	77	625684	33.291 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	137090	32.718 ng	89
66) n-Nitrosodiphenylamine	15.83	169	639992	33.371 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	273703	34.969 ng	96
68) Hexachlorobenzene	16.64	284	307911	35.083 ng	97
69) Atrazine	16.78	200	237667	32.183 ng	99
70) Pentachlorophenol	16.98	266	413814	72.667 ng	99
71) Phenanthrene	17.36	178	1162401	33.494 ng	100
72) Anthracene	17.45	178	1204407	34.890 ng	99
73) Carbazole	17.72	167	1107318	33.266 ng	99
74) Di-n-butylphthalate	18.29	149	1261131	36.246 ng	99
75) Fluoranthene	19.37	202	1498561	34.587 ng	99
77) Benzidine	19.54	184	683693	36.105 ng	99
78) Pyrene	19.73	202	1508451	33.583 ng	99
80) Butylbenzylphthalate	20.62	149	594529	36.539 ng	95
81) Benzo(a)anthracene	21.55	228	1509201	33.735 ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	418196	22.511 ng	98
83) Chrysene	21.61	228	1446696	33.011 ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	830287	35.692 ng	98
85) Di-n-octyl phthalate	22.66	149	1438277	36.516 ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1946049	35.396 ng	99
88) Benzo(b)fluoranthene	23.70	252	1645095	34.054 ng	99
89) Benzo(k)fluoranthene	23.76	252	1604715	33.867 ng	99
90) Benzo(a)pyrene	24.53	252	1530898	34.056 ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1586355	34.515 ng	99
92) Benzo(g,h,i)perylene	29.29	276	1628766	35.090 ng	100

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

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