Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046120.D
Acq On : 31 Jul 2020 11:20
Operator : CG/JU
Sample : PB130544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 12:42:40 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

Instrument :
BNA_G
ClientSampleId :
PB130544BS

Manual Integrations APPROVED
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8/3/2020 12:22:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	85236	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	357198	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	243300	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	603025	20.00	ng		0.00
76) Chrysene-d12	21.57	240	627606	20.00	ng		0.00
86) Perylene-d12	24.68	264	670527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	641603	130.85	ng		0.00
7) Phenol-d6	7.12	99	835946	125.10	ng		0.00
23) Nitrobenzene-d5	9.11	82	520485	78.89	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	458741	122.76	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1246952	74.45	ng		0.00
79) Terphenyl-d14	19.94	244	2119746	68.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	74640	33.445	ng		99
3) Pyridine	3.83	79	174786	28.449	ng		97
4) n-Nitrosodimethylamine	3.75	42	109838	42.006	ng		98
6) Aniline	7.28	93	322942	40.598	ng		99
8) 2-Chlorophenol	7.52	128	241218	44.510	ng		99
9) Benzaldehyde	7.09	77	173374	43.723	ng		93
10) Phenol	7.15	94	302346	45.031	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	223839	41.913	ng		97
12) 1,3-Dichlorobenzene	7.85	146	259599	39.519	ng		99
13) 1,4-Dichlorobenzene	7.99	146	261707	39.676	ng		99
14) 1,2-Dichlorobenzene	8.31	146	255752	41.112	ng		100
15) Benzyl Alcohol	8.19	79	217299	47.070	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	390506	44.600	ng		98
17) 2-Methylphenol	8.40	107	215265	47.491	ng		98
18) Hexachloroethane	9.04	117	90166	40.872	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	187518	43.117	ng		96
20) 3+4-Methylphenols	8.72	107	295307	47.598	ng		97
22) Acetophenone	8.77	105	352081	38.407	ng	#	97
24) Nitrobenzene	9.15	77	267877	38.084	ng		98
25) Isophorone	9.68	82	516153	39.318	ng		99
26) 2-Nitrophenol	9.86	139	133116	41.757	ng		97
27) 2,4-Dimethylphenol	9.93	122	230265	44.397	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	307176	43.034	ng		99
29) 2,4-Dichlorophenol	10.40	162	257065	42.135	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	263038	36.803	ng		99
31) Naphthalene	10.80	128	719463	38.067	ng		100
32) Benzoic acid	10.07	122	150893	41.225	ng		96
33) 4-Chloroaniline	10.90	127	233719	30.262	ng		97
34) Hexachlorobutadiene	11.10	225	164298	34.532	ng		99
35) Caprolactam	11.67	113	94731m	47.439	ng		
36) 4-Chloro-3-methylphenol	12.03	107	271060	45.273	ng		98
37) 2-Methylnaphthalene	12.41	142	576615	39.649	ng		99
38) 1-Methylnaphthalene	12.63	142	542580	39.427	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	312972	35.702	ng	#	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
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	12.77	237	433961	86.306 ng	99
43) 2,4,6-Trichlorophenol	13.02	196	224518	40.144 ng	97
44) 2,4,5-Trichlorophenol	13.09	196	245971	40.308 ng	96
46) 1,1'-Biphenyl	13.42	154	742330	38.894 ng	99
47) 2-Chloronaphthalene	13.46	162	567443	37.272 ng	98
48) 2-Nitroaniline	13.65	65	188202	47.161 ng	93
49) Acenaphthylene	14.30	152	949107	40.147 ng	99
50) Dimethylphthalate	14.04	163	780709	41.808 ng	99
51) 2,6-Dinitrotoluene	14.15	165	178663	41.110 ng	98
52) Acenaphthene	14.64	154	684917m	43.898 ng	
53) 3-Nitroaniline	14.48	138	147027	34.125 ng	98
54) 2,4-Dinitrophenol	14.68	184	215473	78.411 ng	93
55) Dibenzofuran	14.98	168	908504	38.589 ng	99
56) 4-Nitrophenol	14.79	139	334363	89.386 ng	90
57) 2,4-Dinitrotoluene	14.94	165	258011	43.179 ng	99
58) Fluorene	15.63	166	756055	39.655 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	246950	42.964 ng	98
60) Diethylphthalate	15.41	149	786330	42.806 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	400445	40.214 ng	98
62) 4-Nitroaniline	15.64	138	196629	45.377 ng	96
63) Azobenzene	15.92	77	723858	42.046 ng	100
65) 4,6-Dinitro-2-methylphenol	15.70	198	157938	39.602 ng	96
66) n-Nitrosodiphenylamine	15.84	169	697848	38.231 ng	98
67) 4-Bromophenyl-phenylether	16.52	248	282959	37.982 ng	98
68) Hexachlorobenzene	16.64	284	317423	37.998 ng	98
69) Atrazine	16.79	200	265870	37.825 ng	99
70) Pentachlorophenol	16.98	266	439659	81.115 ng	99
71) Phenanthrene	17.36	178	1277369	38.670 ng	100
72) Anthracene	17.46	178	1308392	39.821 ng	99
73) Carbazole	17.72	167	1245213	39.303 ng	99
74) Di-n-butylphthalate	18.29	149	1424519	43.014 ng	99
75) Fluoranthene	19.37	202	1658853	40.225 ng	98
77) Benzidine	19.55	184	864100	48.607 ng	99
78) Pyrene	19.73	202	1641976	38.938 ng	99
80) Butylbenzylphthalate	20.63	149	672114	43.999 ng	98
81) Benzo(a)anthracene	21.55	228	1644485	39.154 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	494459	28.351 ng	98
83) Chrysene	21.62	228	1564854	38.034 ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	934682	42.799 ng	100
85) Di-n-octyl phthalate	22.66	149	1608695	43.505 ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2064996	40.381 ng	100
88) Benzo(b)fluoranthene	23.70	252	1755860	39.077 ng	100
89) Benzo(k)fluoranthene	23.77	252	1723217	39.100 ng	99
90) Benzo(a)pyrene	24.54	252	1637952	39.174 ng	100
91) Dibenzo(a,h)anthracene	28.27	278	1682918	39.367 ng	98
92) Benzo(g,h,i)perylene	29.30	276	1732999	40.140 ng	98

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

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