Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046121.D
Acq On : 31 Jul 2020 12:00
Operator : CG/JU
Sample : PB130544BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130544BSD

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

Quant Time: Jul 31 12:44:24 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	88370	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	365099	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	245846	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	600485	20.00	ng		0.00
76) Chrysene-d12	21.57	240	622427	20.00	ng		0.00
86) Perylene-d12	24.68	264	659552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	656241	129.09	ng		0.00
7) Phenol-d6	7.12	99	853273	123.16	ng		0.00
23) Nitrobenzene-d5	9.11	82	529054	78.46	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	460168	121.86	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1268034	74.92	ng		0.00
79) Terphenyl-d14	19.94	244	2119033	69.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	76792	33.189	ng		100
3) Pyridine	3.83	79	179801	28.228	ng		96
4) n-Nitrosodimethylamine	3.75	42	111338	41.070	ng		96
6) Aniline	7.28	93	325440	39.462	ng		98
8) 2-Chlorophenol	7.52	128	247423	44.036	ng		98
9) Benzaldehyde	7.09	77	177170	43.095	ng		98
10) Phenol	7.15	94	309402	44.448	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	227694	41.123	ng		98
12) 1,3-Dichlorobenzene	7.85	146	269648	39.593	ng		98
13) 1,4-Dichlorobenzene	7.99	146	270245	39.517	ng		98
14) 1,2-Dichlorobenzene	8.31	146	264543	41.017	ng		98
15) Benzyl Alcohol	8.19	79	220103	45.986	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	387704	42.710	ng		98
17) 2-Methylphenol	8.40	107	216820	46.138	ng		99
18) Hexachloroethane	9.04	117	94485	41.311	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	191173	42.399	ng		95
20) 3+4-Methylphenols	8.72	107	300970	46.791	ng		98
22) Acetophenone	8.77	105	355471	37.938	ng		98
24) Nitrobenzene	9.15	77	271705	37.792	ng		100
25) Isophorone	9.67	82	522045	38.907	ng		100
26) 2-Nitrophenol	9.86	139	137801	42.291	ng		95
27) 2,4-Dimethylphenol	9.93	122	234892	44.309	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	313540	42.975	ng		99
29) 2,4-Dichlorophenol	10.40	162	256998	41.212	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	269278	36.861	ng		97
31) Naphthalene	10.80	128	728456	37.709	ng		99
32) Benzoic acid	10.07	122	156583	41.710	ng		98
33) 4-Chloroaniline	10.90	127	228615	28.960	ng		96
34) Hexachlorobutadiene	11.10	225	171553	35.277	ng		98
35) Caprolactam	11.67	113	95439m	46.759	ng		
36) 4-Chloro-3-methylphenol	12.03	107	270567	44.213	ng		98
37) 2-Methylnaphthalene	12.41	142	584468	39.319	ng		99
38) 1-Methylnaphthalene	12.63	142	550049	39.104	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	320121	36.140	ng	#	98

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Quant Time: Jul 31 12:44:24 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)
41) Hexachlorocyclopentadiene	12.76	237	446054	87.792 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	229438	40.599 ng	96
44) 2,4,5-Trichlorophenol	13.09	196	252096	40.884 ng	98
46) 1,1'-Biphenyl	13.42	154	746029	38.683 ng	99
47) 2-Chloronaphthalene	13.46	162	577606	37.547 ng	99
48) 2-Nitroaniline	13.65	65	186760	46.315 ng	97
49) Acenaphthylene	14.30	152	955220	39.987 ng	100
50) Dimethylphthalate	14.04	163	782779	41.485 ng	99
51) 2,6-Dinitrotoluene	14.15	165	180577	41.120 ng	97
52) Acenaphthene	14.64	154	690001m	43.766 ng	
53) 3-Nitroaniline	14.47	138	146676	33.691 ng	96
54) 2,4-Dinitrophenol	14.68	184	220222	79.228 ng	90
55) Dibenzofuran	14.98	168	914744	38.452 ng	98
56) 4-Nitrophenol	14.79	139	333821	88.317 ng	93
57) 2,4-Dinitrotoluene	14.94	165	257996	42.730 ng	99
58) Fluorene	15.63	166	759472	39.421 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	248844	42.845 ng	98
60) Diethylphthalate	15.40	149	793123	42.729 ng	100
61) 4-Chlorophenyl-phenylether	15.62	204	407466	40.495 ng	98
62) 4-Nitroaniline	15.64	138	190817	43.580 ng	95
63) Azobenzene	15.91	77	719259	41.346 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	158585	39.933 ng	99
66) n-Nitrosodiphenylamine	15.84	169	704504	38.759 ng	98
67) 4-Bromophenyl-phenylether	16.51	248	286816	38.662 ng	97
68) Hexachlorobenzene	16.64	284	320536	38.533 ng	99
69) Atrazine	16.78	200	266234	38.037 ng	98
70) Pentachlorophenol	16.98	266	440629	81.638 ng	98
71) Phenanthrene	17.37	178	1275776	38.785 ng	100
72) Anthracene	17.45	178	1316046	40.224 ng	99
73) Carbazole	17.72	167	1249614	39.609 ng	99
74) Di-n-butylphthalate	18.29	149	1421090	43.092 ng	99
75) Fluoranthene	19.37	202	1645899	40.079 ng	99
77) Benzidine	19.55	184	854375	48.460 ng	99
78) Pyrene	19.73	202	1651644	39.493 ng	99
80) Butylbenzylphthalate	20.63	149	670311	44.246 ng	98
81) Benzo(a)anthracene	21.55	228	1616910	38.818 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	497378	28.755 ng	99
83) Chrysene	21.62	228	1558558	38.197 ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	924237	42.672 ng	100
85) Di-n-octyl phthalate	22.66	149	1569665	42.803 ng	98
87) Indeno(1,2,3-cd)pyrene	28.21	276	2035249	40.461 ng	99
88) Benzo(b)fluoranthene	23.70	252	1750301	39.601 ng	99
89) Benzo(k)fluoranthene	23.77	252	1698072	39.170 ng	99
90) Benzo(a)pyrene	24.54	252	1609383	39.132 ng	99
91) Dibenzo(a,h)anthracene	28.27	278	1669146	39.694 ng	99
92) Benzo(g,h,i)perylene	29.31	276	1700436	40.041 ng	99

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

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