Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046151.D
Acq On : 3 Aug 2020 15:59
Operator : CG/JU
Sample : PB130691BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130691BSD

Manual Integrations APPROVED
mohammad
8/5/2020 10:25:51 AM

Quant Time: Aug 03 16:42:34 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	97668	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	391531	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	259314	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	597772	20.00	ng		0.00
76) Chrysene-d12	21.57	240	607038	20.00	ng		0.00
86) Perylene-d12	24.67	264	654357	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	584321	104.00	ng		0.00
7) Phenol-d6	7.12	99	749951	97.94	ng		0.00
23) Nitrobenzene-d5	9.10	82	500078	69.15	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	396546	99.56	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1195684	66.98	ng		0.00
79) Terphenyl-d14	19.93	244	1881100	63.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	125011	48.885	ng		98
3) Pyridine	3.83	79	175323	24.904	ng		98
4) n-Nitrosodimethylamine	3.75	42	110146	36.762	ng		92
6) Aniline	7.28	93	324206	35.569	ng		99
8) 2-Chlorophenol	7.52	128	246372	39.674	ng		98
9) Benzaldehyde	7.09	77	178422	39.268	ng		96
10) Phenol	7.15	94	306510	39.840	ng		100
11) bis(2-Chloroethyl)ether	7.37	93	235319	38.454	ng		99
12) 1,3-Dichlorobenzene	7.84	146	269366	35.787	ng		97
13) 1,4-Dichlorobenzene	7.99	146	271043	35.861	ng		99
14) 1,2-Dichlorobenzene	8.31	146	264705	37.135	ng		97
15) Benzyl Alcohol	8.19	79	219979	41.585	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	393681	39.240	ng		99
17) 2-Methylphenol	8.39	107	219220	42.207	ng		98
18) Hexachloroethane	9.04	117	95979	37.969	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	194333	38.996	ng		98
20) 3+4-Methylphenols	8.72	107	298560	41.997	ng		99
22) Acetophenone	8.77	105	363962	36.222	ng	#	98
24) Nitrobenzene	9.15	77	272497	35.343	ng		98
25) Isophorone	9.67	82	519942	36.134	ng		99
26) 2-Nitrophenol	9.86	139	137768	39.427	ng		97
27) 2,4-Dimethylphenol	9.92	122	236946	41.679	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	316673	40.474	ng		99
29) 2,4-Dichlorophenol	10.40	162	262417	39.240	ng		100
30) 1,2,4-Trichlorobenzene	10.61	180	278516	35.551	ng		98
31) Naphthalene	10.80	128	733200	35.392	ng		100
32) Benzoic acid	10.07	122	141357	36.601	ng		97
33) 4-Chloroaniline	10.90	127	235907	27.867	ng		98
34) Hexachlorobutadiene	11.10	225	175928	33.734	ng		97
35) Caprolactam	11.67	113	91693m	41.891	ng		
36) 4-Chloro-3-methylphenol	12.02	107	263723	40.185	ng		98
37) 2-Methylnaphthalene	12.41	142	578293	36.278	ng		99
38) 1-Methylnaphthalene	12.62	142	549188	36.407	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	327755	35.080	ng		98

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Quant Time: Aug 03 16:42:34 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	458115	85.483	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	225952	37.906	ng		100
44) 2,4,5-Trichlorophenol	13.08	196	248173	38.157	ng		98
46) 1,1'-Biphenyl	13.41	154	744150	36.581	ng		99
47) 2-Chloronaphthalene	13.45	162	572551	35.285	ng		98
48) 2-Nitroaniline	13.65	65	176696	41.543	ng		99
49) Acenaphthylene	14.30	152	931068	36.952	ng		99
50) Dimethylphthalate	14.03	163	765845	38.479	ng		100
51) 2,6-Dinitrotoluene	14.15	165	175864	37.967	ng		99
52) Acenaphthene	14.64	154	660687m	39.730	ng		
53) 3-Nitroaniline	14.47	138	139141	30.300	ng		97
54) 2,4-Dinitrophenol	14.68	184	196785	68.199	ng		91
55) Dibenzofuran	14.98	168	893149	35.594	ng		100
56) 4-Nitrophenol	14.79	139	304976	76.495	ng		93
57) 2,4-Dinitrotoluene	14.93	165	242889	38.138	ng		99
58) Fluorene	15.63	166	729236	35.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	240454	39.250	ng		99
60) Diethylphthalate	15.40	149	757925	38.712	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	394873	37.205	ng		98
62) 4-Nitroaniline	15.64	138	177509	38.435	ng		98
63) Azobenzene	15.91	77	686786	37.429	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	145277	36.748	ng		97
66) n-Nitrosodiphenylamine	15.83	169	675828	37.350	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	277608	37.591	ng		99
68) Hexachlorobenzene	16.63	284	304993	36.831	ng		100
69) Atrazine	16.78	200	245958	35.300	ng		99
70) Pentachlorophenol	16.97	266	409624	76.238	ng		99
71) Phenanthrene	17.37	178	1200306	36.656	ng		100
72) Anthracene	17.45	178	1236931	37.977	ng		99
73) Carbazole	17.72	167	1141793	36.355	ng		99
74) Di-n-butylphthalate	18.29	149	1299723	39.591	ng		99
75) Fluoranthene	19.37	202	1516713	37.101	ng		99
77) Benzidine	19.54	184	841452	48.937	ng		99
78) Pyrene	19.73	202	1517722	37.211	ng		100
80) Butylbenzylphthalate	20.63	149	595755	40.322	ng		99
81) Benzo(a)anthracene	21.55	228	1485365	36.564	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	451546	26.767	ng		97
83) Chrysene	21.61	228	1435898	36.083	ng		100
84) Bis(2-ethylhexyl)phthalate	21.48	149	838058	39.674	ng		99
85) Di-n-octyl phthalate	22.65	149	1449220	40.520	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1889718	37.866	ng	#	95
88) Benzo(b)fluoranthene	23.69	252	1605030	36.603	ng		99
89) Benzo(k)fluoranthene	23.76	252	1601462	37.235	ng		100
90) Benzo(a)pyrene	24.53	252	1499897	36.759	ng		100
91) Dibenzo(a,h)anthracene	28.25	278	1533298	36.753	ng		98
92) Benzo(g,h,i)perylene	29.29	276	1585010	37.619	ng		99

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

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