Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046203.D
Acq On : 7 Aug 2020 21:37
Operator : CG/JU
Sample : L3553-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JB-1AMSD

Quant Time: Aug 08 00:24:42 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	101504	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	384698	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	264362	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	669410	20.00	ng		0.00
76) Chrysene-d12	21.57	240	726640	20.00	ng		0.00
86) Perylene-d12	24.67	264	798138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	598195	102.45	ng		0.00
7) Phenol-d6	7.12	99	702999	88.34	ng		0.00
23) Nitrobenzene-d5	9.11	82	538277	75.76	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	528559	130.17	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1348058	74.07	ng		0.00
79) Terphenyl-d14	19.94	244	2339089	65.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	83268	31.331	ng	#	25
3) Pyridine	3.86	79	190179	25.994	ng		95
4) n-Nitrosodimethylamine	3.76	42	106485	34.197	ng		85
6) Aniline	7.27	93	218320	23.047	ng		99
8) 2-Chlorophenol	7.52	128	271061	42.000	ng		95
9) Benzaldehyde	7.09	77	151398	32.061	ng		98
10) Phenol	7.15	94	283277	35.429	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	257860	40.545	ng		98
12) 1,3-Dichlorobenzene	7.84	146	294470	37.643	ng		96
13) 1,4-Dichlorobenzene	7.99	146	295639	37.637	ng		99
14) 1,2-Dichlorobenzene	8.31	146	289525	39.082	ng		97
15) Benzyl Alcohol	8.19	79	231443	42.099	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	379835	36.429	ng		98
17) 2-Methylphenol	8.40	107	229845	42.581	ng		98
18) Hexachloroethane	9.04	117	98292	37.415	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	201570	38.920	ng		97
20) 3+4-Methylphenols	8.72	107	307279	41.590	ng		98
22) Acetophenone	8.77	105	393586	39.866	ng	#	96
24) Nitrobenzene	9.15	77	284668	37.578	ng		96
25) Isophorone	9.67	82	559265	39.557	ng		98
26) 2-Nitrophenol	9.85	139	156541	45.595	ng		98
27) 2,4-Dimethylphenol	9.92	122	254784	45.613	ng		98
28) bis(2-Chloroethoxy)methane	10.15	93	338830	44.075	ng		99
29) 2,4-Dichlorophenol	10.39	162	295562	44.982	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	303847	39.474	ng		99
31) Naphthalene	10.80	128	791176	38.869	ng		99
32) Benzoic acid	10.04	122	79932	25.059	ng		99
33) 4-Chloroaniline	10.91	127	53458	6.427	ng		97
34) Hexachlorobutadiene	11.09	225	193004	37.666	ng		97
35) Caprolactam	11.67	113	95428	44.372	ng		97
36) 4-Chloro-3-methylphenol	12.03	107	297260	46.100	ng		97
37) 2-Methylnaphthalene	12.40	142	630660	40.265	ng		99
38) 1-Methylnaphthalene	12.62	142	600474	40.514	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	369966	38.841	ng		100

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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	12.76	237	445333	81.511 ng		99
43) 2,4,6-Trichlorophenol	13.01	196	267893	44.084 ng		98
44) 2,4,5-Trichlorophenol	13.09	196	296588	44.731 ng		94
46) 1,1'-Biphenyl	13.41	154	818595	39.473 ng		99
47) 2-Chloronaphthalene	13.46	162	639082	38.633 ng		98
48) 2-Nitroaniline	13.65	65	189572	43.720 ng		93
49) Acenaphthylene	14.30	152	1043055	40.606 ng		99
50) Dimethylphthalate	14.04	163	893064	44.014 ng		99
51) 2,6-Dinitrotoluene	14.14	165	203933	43.186 ng		90
52) Acenaphthene	14.64	154	650307	38.359 ng		100
53) 3-Nitroaniline	14.47	138	93766	20.029 ng		94
54) 2,4-Dinitrophenol	14.68	184	49616	22.186 ng		97
55) Dibenzofuran	14.98	168	1017746	39.785 ng		99
56) 4-Nitrophenol	14.79	139	344900	84.857 ng		97
57) 2,4-Dinitrotoluene	14.93	165	290438	44.734 ng		94
58) Fluorene	15.62	166	854749	41.259 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	303456	48.589 ng		98
60) Diethylphthalate	15.40	149	876971	43.937 ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	464446	42.925 ng		95
62) 4-Nitroaniline	15.64	138	222395	47.234 ng		99
63) Azobenzene	15.91	77	737446	39.423 ng		95
65) 4,6-Dinitro-2-methylphenol	15.70	198	77080	17.411 ng		84
66) n-Nitrosodiphenylamine	15.83	169	800909	39.525 ng		98
67) 4-Bromophenyl-phenylether	16.51	248	342021	41.357 ng		97
68) Hexachlorobenzene	16.63	284	385928	41.617 ng		96
69) Atrazine	16.78	200	317880	40.740 ng		98
70) Pentachlorophenol	16.97	266	362732	60.285 ng		99
71) Phenanthrene	17.36	178	1449023	39.516 ng		99
72) Anthracene	17.45	178	1498208	41.076 ng		98
73) Carbazole	17.72	167	1441104	40.975 ng		98
74) Di-n-butylphthalate	18.29	149	1592341	43.314 ng		99
75) Fluoranthene	19.37	202	1862743	40.689 ng		98
77) Benzidine	19.54	184	451342	21.928 ng		99
78) Pyrene	19.73	202	1892001	38.752 ng		97
80) Butylbenzylphthalate	20.62	149	773976	43.762 ng		98
81) Benzo(a)anthracene	21.55	228	1933604	39.764 ng		98
82) 3,3'-Dichlorobenzidine	21.46	252	434329	21.509 ng		97
83) Chrysene	21.61	228	1832868	38.477 ng		96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1090615	43.133 ng		98
85) Di-n-octyl phthalate	22.65	149	1878298	43.873 ng		99
87) Indeno(1,2,3-cd)pyrene	28.20	276	2574818	42.300 ng	#	95
88) Benzo(b)fluoranthene	23.69	252	2132810	39.877 ng		99
89) Benzo(k)fluoranthene	23.76	252	2080862	39.666 ng		99
90) Benzo(a)pyrene	24.53	252	1977789	39.739 ng		99
91) Dibenzo(a,h)anthracene	28.25	278	2109116	41.448 ng		99
92) Benzo(g,h,i)perylene	29.29	276	2161734	42.065 ng		99

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

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