Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044948.D
Acq On : 25 Mar 2020 3:59
Operator : CG/JU
Sample : L1994-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4AMS

Manual Integrations APPROVED
mohammad
3/25/2020 12:27:52 PM

Quant Time: Mar 25 09:25:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81756	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306913	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	209683	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	474819	20.00	ng	0.00
76) Chrysene-d12	21.69	240	444069	20.00	ng	0.00
87) Perylene-d12	24.89	264	506469	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	633049	120.54	ng	0.00
7) Phenol-d6	7.20	99	836609	109.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	589656	84.31	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	404511	147.34	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1242776	84.88	ng	0.00
79) Terphenyl-d14	20.03	244	2078604	87.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	94702	37.445	ng	# 57
3) Pyridine	3.92	79	188566	25.186	ng	97
4) n-Nitrosodimethylamine	3.82	42	129866	45.716	ng	# 97
6) Aniline	7.37	93	161566	17.016	ng	95
8) 2-Chlorophenol	7.61	128	287442	54.827	ng	98
9) Benzaldehyde	7.17	77	73401	12.175	ng	96
10) Phenol	7.23	94	350886	46.447	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	276003	45.778	ng	96
12) 1,3-Dichlorobenzene	7.93	146	301171	46.633	ng	97
13) 1,4-Dichlorobenzene	8.08	146	300798	47.111	ng	98
14) 1,2-Dichlorobenzene	8.40	146	287594	47.494	ng	97
15) Benzyl Alcohol	8.28	79	304708	49.769	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	413874	38.899	ng	98
17) 2-Methylphenol	8.48	107	259384	50.688	ng	95
18) Hexachloroethane	9.13	117	111397	44.316	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	235951	43.791	ng	99
20) 3+4-Methylphenols	8.81	107	354664	50.277	ng	98
22) Acetophenone	8.86	105	434642	49.988	ng	99
24) Nitrobenzene	9.24	77	363020	50.022	ng	100
25) Isophorone	9.77	82	662748	48.551	ng	99
26) 2-Nitrophenol	9.95	139	156055	60.338	ng	97
27) 2,4-Dimethylphenol	10.02	122	263177	59.203	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	368253	45.204	ng	100
29) 2,4-Dichlorophenol	10.49	162	290139	55.880	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	311071	50.105	ng	94
31) Naphthalene	10.90	128	875737	51.509	ng	99
32) Benzoic acid	10.17	122	153817	45.139	ng	99
33) 4-Chloroaniline	11.00	127	26810	3.500	ng	# 96
34) Hexachlorobutadiene	11.20	225	200215	49.039	ng	96
35) Caprolactam	11.77	113	81738m	41.579	ng	
36) 4-Chloro-3-methylphenol	12.13	107	333005	53.775	ng	96
37) 2-Methylnaphthalene	12.50	142	639472	50.282	ng	97
38) 1-Methylnaphthalene	12.73	142	621919	52.016	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	344200	49.844	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	450836	119.462	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	255197	55.685	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	268512	56.497	ng		98
46) 1,1'-Biphenyl	13.51	154	815523	48.670	ng		96
47) 2-Chloronaphthalene	13.55	162	627828	49.048	ng		97
48) 2-Nitroaniline	13.74	65	223737	49.926	ng		96
49) Acenaphthylene	14.39	152	1036000	51.662	ng		98
50) Dimethylphthalate	14.13	163	836629	50.097	ng		99
51) 2,6-Dinitrotoluene	14.24	165	192486	57.181	ng		98
52) Acenaphthene	14.74	154	758749	57.773	ng		96
53) 3-Nitroaniline	14.56	138	67710	17.495	ng		95
54) 2,4-Dinitrophenol	14.78	184	218984	119.862	ng		91
55) Dibenzofuran	15.08	168	985780	51.760	ng		99
56) 4-Nitrophenol	14.88	139	309401	104.752	ng		94
57) 2,4-Dinitrotoluene	15.03	165	269992	58.481	ng		96
58) Fluorene	15.72	166	811582	51.803	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	259394	59.281	ng		95
60) Diethylphthalate	15.49	149	851007	48.857	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	433505	51.389	ng		99
62) 4-Nitroaniline	15.73	138	186258	45.133	ng		88
63) Azobenzene	16.01	77	850823	47.038	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	162669	68.809	ng		89
66) n-Nitrosodiphenylamine	15.93	169	736750	51.538	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	306133	51.573	ng		99
68) Hexachlorobenzene	16.73	284	331192	51.429	ng		98
69) Atrazine	16.88	200	253661	48.432	ng		99
70) Pentachlorophenol	17.07	266	425078	119.967	ng		98
71) Phenanthrene	17.46	178	1322431	52.118	ng		99
72) Anthracene	17.56	178	1345726	53.787	ng		98
73) Carbazole	17.82	167	1256629	52.287	ng		99
74) Di-n-butylphthalate	18.38	149	1489773	50.993	ng		98
75) Fluoranthene	19.47	202	1628566	53.906	ng		99
77) Benzidine	19.65	184	498112	34.552	ng		98
78) Pyrene	19.83	202	1613826	49.534	ng		98
80) Butylbenzylphthalate	20.72	149	691019	47.676	ng		97
81) Benzo(a)anthracene	21.67	228	1593415	49.831	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	388911	31.439	ng		98
83) Chrysene	21.74	228	1515460	49.615	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	965316	48.257	ng		98
85) Di-n-octyl phthalate	22.81	149	1652775	49.375	ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	2072263	51.749	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	1756124	52.522	ng		99
89) Benzo(k)fluoranthene	23.95	252	1650207	52.153	ng		99
90) Benzo(a)pyrene	24.74	252	1598707	51.099	ng		96
91) Dibenzo(a,h)anthracene	28.61	278	1681700	54.485	ng		99
92) Benzo(g,h,i)perylene	29.68	276	1716735	55.051	ng		97

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

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