Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045600.D
Acq On : 4 Jun 2020 6:25
Operator : CG/JU
Sample : L2837-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 04 07:09:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SPMS

Manual Integrations APPROVED
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6/4/2020 12:11:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62580	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	235879	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	173009	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	418622	20.00	ng		0.00
76) Chrysene-d12	21.61	240	385342	20.00	ng		0.00
87) Perylene-d12	24.76	264	424347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	435904	136.13	ng		0.00
7) Phenol-d6	7.15	99	531633	116.65	ng		0.00
23) Nitrobenzene-d5	9.11	82	464332	107.35	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	364174	164.59	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1068324	104.74	ng		0.00
79) Terphenyl-d14	19.96	244	1849397	111.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	59785	37.650	ng	#	33
3) Pyridine	3.82	79	131028	29.628	ng		97
4) n-Nitrosodimethylamine	3.72	42	67875	46.902	ng		82
6) Aniline	7.28	93	170561	28.668	ng		98
8) 2-Chlorophenol	7.53	128	185540	52.837	ng		98
9) Benzaldehyde	7.09	77	115594	38.928	ng		98
10) Phenol	7.17	94	192752	41.035	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	181913	49.650	ng		98
12) 1,3-Dichlorobenzene	7.84	146	202056	47.881	ng		99
13) 1,4-Dichlorobenzene	7.99	146	208202	49.995	ng		99
14) 1,2-Dichlorobenzene	8.31	146	188803	47.137	ng		95
15) Benzyl Alcohol	8.20	79	192429	51.109	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	166337	47.827	ng		97
17) 2-Methylphenol	8.42	107	160995	45.791	ng		96
18) Hexachloroethane	9.04	117	79059	49.567	ng		90
19) n-Nitroso-di-n-propylamine	8.76	70	163045	51.733	ng		94
20) 3+4-Methylphenols	8.75	107	214841	44.873	ng		95
22) Acetophenone	8.78	105	295802	52.911	ng	#	97
24) Nitrobenzene	9.16	77	245323	52.936	ng		95
25) Isophorone	9.68	82	449800	52.802	ng		98
26) 2-Nitrophenol	9.87	139	109078	55.020	ng		93
27) 2,4-Dimethylphenol	9.95	122	179583	61.075	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	248944	55.724	ng		98
29) 2,4-Dichlorophenol	10.42	162	196036	56.458	ng		93
30) 1,2,4-Trichlorobenzene	10.62	180	217712	53.063	ng		96
31) Naphthalene	10.81	128	583993	53.130	ng		98
32) Benzoic acid	10.12	122	95137	47.662	ng		93
33) 4-Chloroaniline	10.93	127	46449	10.109	ng		97
34) Hexachlorobutadiene	11.10	225	149781	51.644	ng		96
35) Caprolactam	11.70	113	50535m	39.651	ng		
36) 4-Chloro-3-methylphenol	12.07	107	227155	58.057	ng		98
37) 2-Methylnaphthalene	12.42	142	448332	54.724	ng		97
38) 1-Methylnaphthalene	12.64	142	428502	55.370	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	256477	53.074	ng		98

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Quant Time: Jun 04 07:09:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	266558	95.569 ng	99
43) 2,4,6-Trichlorophenol	13.04	196	179925	53.599 ng	99
44) 2,4,5-Trichlorophenol	13.12	196	197843	51.575 ng	98
46) 1,1'-Biphenyl	13.43	154	586576	55.178 ng	99
47) 2-Chloronaphthalene	13.47	162	450254	52.158 ng	99
48) 2-Nitroaniline	13.68	65	150434	52.977 ng	90
49) Acenaphthylene	14.32	152	748958	54.014 ng	100
50) Dimethylphthalate	14.05	163	737521	62.142 ng	99
51) 2,6-Dinitrotoluene	14.17	165	142893	53.357 ng	99
52) Acenaphthene	14.66	154	555282m	59.826 ng	
53) 3-Nitroaniline	14.50	138	70322	25.831 ng	97
54) 2,4-Dinitrophenol	14.72	184	166475	93.878 ng	97
55) Dibenzofuran	15.00	168	728693	52.868 ng	97
56) 4-Nitrophenol	14.85	139	179150	86.919 ng	92
57) 2,4-Dinitrotoluene	14.96	165	204772	52.796 ng	98
58) Fluorene	15.65	166	608014	53.694 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	192920	57.164 ng	98
60) Diethylphthalate	15.42	149	643537	52.096 ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	340963	52.619 ng	99
62) 4-Nitroaniline	15.67	138	143193	50.383 ng	97
63) Azobenzene	15.93	77	619557	53.788 ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	129364	53.061 ng	95
66) n-Nitrosodiphenylamine	15.86	169	548038	54.525 ng	96
67) 4-Bromophenyl-phenylether	16.54	248	239051	52.736 ng	96
68) Hexachlorobenzene	16.66	284	263177	55.509 ng	97
69) Atrazine	16.81	200	217138	52.450 ng	96
70) Pentachlorophenol	17.01	266	291609	118.454 ng	99
71) Phenanthrene	17.39	178	1002076	54.833 ng	99
72) Anthracene	17.48	178	1026567	55.936 ng	98
73) Carbazole	17.75	167	945221	52.837 ng	100
74) Di-n-butylphthalate	18.31	149	1132077	52.724 ng	99
75) Fluoranthene	19.40	202	1234942	53.127 ng	99
77) Benzidine	19.58	184	447334	41.334 ng	99
78) Pyrene	19.76	202	1221822	55.623 ng	99
80) Butylbenzylphthalate	20.65	149	507793	53.557 ng	98
81) Benzo(a)anthracene	21.59	228	1195785	55.706 ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	234147	27.807 ng	97
83) Chrysene	21.65	228	1129603	54.727 ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	702190	53.877 ng	97
85) Di-n-octyl phthalate	22.69	149	1195541	53.408 ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1498930	55.534 ng	99
88) Benzo(b)fluoranthene	23.76	252	1241191	54.538 ng	98
89) Benzo(k)fluoranthene	23.83	252	1225532	57.319 ng	99
90) Benzo(a)pyrene	24.61	252	1152941	54.396 ng	99
91) Dibenzo(a,h)anthracene	28.39	278	1216685	57.123 ng	98
92) Benzo(g,h,i)perylene	29.45	276	1249373	58.651 ng	98

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

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