Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045591.D
Acq On : 3 Jun 2020 21:42
Operator : CG/JU
Sample : L2837-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPMS

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:29 PM

Quant Time: Jun 04 03:56:48 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)
1) 1,4-Dichlorobenzene-d4	7.95	152	67329	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264438	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	183997	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	389204	20.00	ng	0.00
76) Chrysene-d12	21.61	240	361375	20.00	ng	0.00
87) Perylene-d12	24.75	264	411727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	414026	120.18	ng	0.00
7) Phenol-d6	7.15	99	601151	122.60	ng	0.00
23) Nitrobenzene-d5	9.12	82	389923	80.41	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	287807	122.31	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	911249	84.01	ng	0.00
79) Terphenyl-d14	19.96	244	1323361	85.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	65204	38.166	ng	92
3) Pyridine	3.80	79	161553	33.953	ng	96
4) n-Nitrosodimethylamine	3.72	42	72399	46.500	ng	86
6) Aniline	7.28	93	205574	32.115	ng	97
8) 2-Chlorophenol	7.53	128	202371	53.565	ng	99
9) Benzaldehyde	7.08	77	123244	38.577	ng	97
10) Phenol	7.18	94	271158	53.655	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	187989	47.690	ng	99
12) 1,3-Dichlorobenzene	7.84	146	215219	47.403	ng	97
13) 1,4-Dichlorobenzene	7.99	146	216536	48.328	ng	94
14) 1,2-Dichlorobenzene	8.31	146	203594	47.244	ng	98
15) Benzyl Alcohol	8.20	79	203869	50.329	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	176595	47.195	ng	99
17) 2-Methylphenol	8.42	107	178441	47.173	ng	95
18) Hexachloroethane	9.04	117	85863	50.036	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	166069	48.976	ng	97
20) 3+4-Methylphenols	8.75	107	244446	47.456	ng	92
22) Acetophenone	8.77	105	303234	48.382	ng	98
24) Nitrobenzene	9.16	77	254626	49.009	ng	97
25) Isophorone	9.68	82	461984	48.375	ng	98
26) 2-Nitrophenol	9.87	139	117391	52.818	ng	94
27) 2,4-Dimethylphenol	9.95	122	194502	59.005	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	252872	50.490	ng	98
29) 2,4-Dichlorophenol	10.43	162	208286	53.508	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	230654	50.146	ng	97
31) Naphthalene	10.81	128	613068	49.751	ng	99
32) Benzoic acid	10.13	122	125979	54.482	ng	88
33) 4-Chloroaniline	10.92	127	103843	20.160	ng	97
34) Hexachlorobutadiene	11.10	225	162807	50.073	ng	99
35) Caprolactam	11.69	113	71938m	50.349	ng	
36) 4-Chloro-3-methylphenol	12.08	107	236597	53.939	ng	96
37) 2-Methylnaphthalene	12.42	142	470073	51.181	ng	97
38) 1-Methylnaphthalene	12.64	142	443784m	51.151	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	266529	51.861	ng	98

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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	12.78	237	309003	104.170 ng	100
43) 2,4,6-Trichlorophenol	13.04	196	184061	51.556 ng	97
44) 2,4,5-Trichlorophenol	13.12	196	200373	49.115 ng	98
46) 1,1'-Biphenyl	13.43	154	606761	53.668 ng	99
47) 2-Chloronaphthalene	13.47	162	459453	50.045 ng	98
48) 2-Nitroaniline	13.67	65	147385	48.804 ng	91
49) Acenaphthylene	14.32	152	757866	51.393 ng	99
50) Dimethylphthalate	14.06	163	738776	58.531 ng	99
51) 2,6-Dinitrotoluene	14.17	165	137049	48.118 ng	98
52) Acenaphthene	14.66	154	554611m	56.186 ng	
53) 3-Nitroaniline	14.51	138	78087	26.970 ng	96
54) 2,4-Dinitrophenol	14.71	184	163048	86.886 ng	97
55) Dibenzofuran	15.00	168	718563	49.020 ng	98
56) 4-Nitrophenol	14.85	139	220969	100.806 ng	98
57) 2,4-Dinitrotoluene	14.97	165	195638	47.428 ng	96
58) Fluorene	15.65	166	588603	48.876 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	188853	52.617 ng	97
60) Diethylphthalate	15.42	149	617267	46.985 ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	329122	47.759 ng	99
62) 4-Nitroaniline	15.67	138	131165	43.395 ng	98
63) Azobenzene	15.94	77	590128	48.174 ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	123664	54.556 ng	96
66) n-Nitrosodiphenylamine	15.86	169	522797	55.945 ng	96
67) 4-Bromophenyl-phenylether	16.53	248	214408	50.875 ng	99
68) Hexachlorobenzene	16.66	284	232645	52.778 ng	99
69) Atrazine	16.81	200	189814	49.315 ng	98
70) Pentachlorophenol	17.01	266	258798	113.072 ng	97
71) Phenanthrene	17.39	178	858135	50.505 ng	99
72) Anthracene	17.48	178	898644	52.667 ng	97
73) Carbazole	17.75	167	797356	47.941 ng	98
74) Di-n-butylphthalate	18.31	149	927888	46.481 ng	99
75) Fluoranthene	19.40	202	991094	45.860 ng	99
77) Benzidine	19.58	184	444832	43.828 ng	97
78) Pyrene	19.77	202	1007529	48.909 ng	99
80) Butylbenzylphthalate	20.65	149	411082	46.233 ng	99
81) Benzo(a)anthracene	21.59	228	1012108	50.276 ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	142301	18.020 ng	99
83) Chrysene	21.66	228	964711	49.838 ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	584787	47.845 ng	98
85) Di-n-octyl phthalate	22.69	149	1008086	48.021 ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1302535	51.459 ng	98
88) Benzo(b)fluoranthene	23.77	252	1073851	48.631 ng	99
89) Benzo(k)fluoranthene	23.83	252	1055232	50.866 ng	99
90) Benzo(a)pyrene	24.61	252	992327	48.253 ng	96
91) Dibenzo(a,h)anthracene	28.40	278	1067049	51.634 ng	99
92) Benzo(g,h,i)perylene	29.46	276	1085534	52.521 ng	98

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

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