Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045733.D
Acq On : 11 Jun 2020 23:00
Operator : CG/JU
Sample : L2810-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-060920MSD

Manual Integrations APPROVED
mohammad
6/15/2020 8:44:52 AM

Quant Time: Jun 12 03:28:00 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	7.94	152	45768	20.00	ng		-0.01
21) Naphthalene-d8	10.75	136	182459	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	139195	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	336767	20.00	ng		0.00
76) Chrysene-d12	21.60	240	304156	20.00	ng		0.00
87) Perylene-d12	24.73	264	341711	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	352131	150.36	ng		0.00
7) Phenol-d6	7.13	99	462682	138.81	ng		-0.01
23) Nitrobenzene-d5	9.11	82	378450	113.11	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	298590	167.73	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	870711	106.10	ng		0.00
79) Terphenyl-d14	19.95	244	1565104	120.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	45505	39.184	ng	#	61
3) Pyridine	3.81	79	120996	37.409	ng		97
4) n-Nitrosodimethylamine	3.71	42	59173	55.909	ng		82
6) Aniline	7.27	93	155596	35.759	ng		100
8) 2-Chlorophenol	7.52	128	147709	57.515	ng		99
9) Benzaldehyde	7.08	77	87250	40.176	ng		98
10) Phenol	7.16	94	169218	49.258	ng		97
11) bis(2-Chloroethyl)ether	7.36	93	139706	52.137	ng		99
12) 1,3-Dichlorobenzene	7.83	146	155622	50.424	ng		99
13) 1,4-Dichlorobenzene	7.98	146	158666	52.095	ng		95
14) 1,2-Dichlorobenzene	8.30	146	150411	51.346	ng		95
15) Benzyl Alcohol	8.19	79	160802	58.398	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.47	45	130256	51.210	ng		100
17) 2-Methylphenol	8.41	107	134719	52.392	ng		98
18) Hexachloroethane	9.03	117	58311	49.988	ng		88
19) n-Nitroso-di-n-propylamine	8.75	70	135396	58.741	ng		95
20) 3+4-Methylphenols	8.74	107	179392	51.233	ng		94
22) Acetophenone	8.77	105	236859	54.772	ng	#	97
24) Nitrobenzene	9.15	77	212289	59.219	ng		96
25) Isophorone	9.67	82	373569	56.692	ng		99
26) 2-Nitrophenol	9.86	139	87562	57.099	ng		93
27) 2,4-Dimethylphenol	9.94	122	140102	61.598	ng		94
28) bis(2-Chloroethoxy)methane	10.15	93	200829	58.115	ng		98
29) 2,4-Dichlorophenol	10.41	162	157358	58.587	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	170735	53.796	ng		98
31) Naphthalene	10.80	128	474240	55.777	ng		99
32) Benzoic acid	10.11	122	57548	39.457	ng		93
33) 4-Chloroaniline	10.92	127	42422	11.936	ng		94
34) Hexachlorobutadiene	11.09	225	116891	52.104	ng		97
35) Caprolactam	11.69	113	45041m	45.687	ng		
36) 4-Chloro-3-methylphenol	12.06	107	192796	63.702	ng		93
37) 2-Methylnaphthalene	12.41	142	369729	58.343	ng		98
38) 1-Methylnaphthalene	12.63	142	349949m	58.458	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	205753	52.921	ng		99

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 12 03:28:00 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	12.76	237	210630	93.862 ng	98
43) 2,4,6-Trichlorophenol	13.03	196	147998	54.798 ng	98
44) 2,4,5-Trichlorophenol	13.11	196	156610	50.743 ng	98
46) 1,1'-Biphenyl	13.42	154	469015	54.837 ng	99
47) 2-Chloronaphthalene	13.46	162	369650	53.223 ng	99
48) 2-Nitroaniline	13.67	65	123642	54.120 ng	94
49) Acenaphthylene	14.31	152	615017	55.129 ng	97
50) Dimethylphthalate	14.04	163	635657	66.570 ng	99
51) 2,6-Dinitrotoluene	14.16	165	118811	55.141 ng	98
52) Acenaphthene	14.65	154	470640m	63.025 ng	
53) 3-Nitroaniline	14.50	138	57474	26.240 ng	95
54) 2,4-Dinitrophenol	14.71	184	139823	97.763 ng	94
55) Dibenzofuran	14.99	168	600062	54.111 ng	96
56) 4-Nitrophenol	14.84	139	140349	84.635 ng	88
57) 2,4-Dinitrotoluene	14.96	165	168874	54.117 ng	98
58) Fluorene	15.64	166	510299	56.012 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	153539	56.547 ng	99
60) Diethylphthalate	15.41	149	543650	54.701 ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	286933	55.038 ng	99
62) 4-Nitroaniline	15.66	138	106417	46.539 ng	95
63) Azobenzene	15.92	77	521416	56.265 ng	97
65) 4,6-Dinitro-2-methylphenol	15.72	198	110565	56.373 ng	90
66) n-Nitrosodiphenylamine	15.85	169	458436	56.697 ng	94
67) 4-Bromophenyl-phenylether	16.52	248	197802	54.242 ng	99
68) Hexachlorobenzene	16.65	284	217495	57.024 ng	97
69) Atrazine	16.80	200	177646	53.340 ng	95
70) Pentachlorophenol	17.00	266	212477	107.289 ng	98
71) Phenanthrene	17.38	178	838543	57.037 ng	99
72) Anthracene	17.47	178	853540	57.812 ng	100
73) Carbazole	17.74	167	786289	54.636 ng	99
74) Di-n-butylphthalate	18.30	149	943773	54.638 ng	100
75) Fluoranthene	19.39	202	1035537	55.377 ng	99
77) Benzidine	19.57	184	383310	44.872 ng	99
78) Pyrene	19.75	202	1025703	59.159 ng	99
80) Butylbenzylphthalate	20.64	149	410273	54.822 ng	96
81) Benzo(a)anthracene	21.58	228	953789	56.292 ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	184335	27.735 ng	100
83) Chrysene	21.64	228	927450	56.927 ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	563876	54.813 ng	98
85) Di-n-octyl phthalate	22.67	149	982804	55.624 ng	99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1228819	57.679 ng	98
88) Benzo(b)fluoranthene	23.74	252	1057034	57.678 ng	99
89) Benzo(k)fluoranthene	23.81	252	1004810	58.360 ng	98
90) Benzo(a)pyrene	24.59	252	959196	56.199 ng	99
91) Dibenzo(a,h)anthracene	28.37	278	998195	58.199 ng	98
92) Benzo(g,h,i)perylene	29.42	276	997606	58.157 ng	99

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

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