Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045744.D
Acq On : 12 Jun 2020 17:22
Operator : CG/JU
Sample : PB129511BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129511BS

Manual Integrations APPROVED
mohammad
6/15/2020 8:45:14 AM

Quant Time: Jun 12 18:46:00 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	7.95	152	59989	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	235109	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	168712	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	383007	20.00	ng		0.00
76) Chrysene-d12	21.60	240	340753	20.00	ng		0.00
87) Perylene-d12	24.74	264	374501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	333912	108.78	ng		0.03
7) Phenol-d6	7.19	99	629771	144.15	ng		0.04
23) Nitrobenzene-d5	9.11	82	400485	92.89	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	361570	167.58	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1039285	104.49	ng		0.00
79) Terphenyl-d14	19.96	244	1741288	119.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	13240	8.698	ng	#	83
3) Pyridine	3.81	79	92780	21.885	ng		98
4) n-Nitrosodimethylamine	3.73	42	36029	25.972	ng	#	79
6) Aniline	7.28	93	237966	41.724	ng		98
8) 2-Chlorophenol	7.53	128	136541	40.562	ng		99
9) Benzaldehyde	7.09	77	25099	8.818	ng		94
10) Phenol	7.21	94	208908	46.395	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	117592	33.481	ng		98
12) 1,3-Dichlorobenzene	7.84	146	90617	22.401	ng		98
13) 1,4-Dichlorobenzene	7.98	146	97595	24.447	ng		99
14) 1,2-Dichlorobenzene	8.30	146	103035	26.835	ng		96
15) Benzyl Alcohol	8.21	79	175692	48.679	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	119028	35.703	ng		98
17) 2-Methylphenol	8.44	107	152922	45.373	ng		99
18) Hexachloroethane	9.03	117	37325	24.412	ng		98
19) n-Nitroso-di-n-propylamine	8.75	70	152717	50.549	ng		97
20) 3+4-Methylphenols	8.77	107	210295m	45.821	ng		
22) Acetophenone	8.77	105	246908	44.310	ng	#	89
24) Nitrobenzene	9.15	77	200577	43.422	ng		95
25) Isophorone	9.68	82	432908	50.985	ng		99
26) 2-Nitrophenol	9.86	139	94329	47.737	ng		97
27) 2,4-Dimethylphenol	9.96	122	161379	55.063	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	221280	49.693	ng		96
29) 2,4-Dichlorophenol	10.44	162	183449	53.006	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	169064	41.341	ng		97
31) Naphthalene	10.80	128	483869	44.165	ng		99
32) Benzoic acid	10.16	122	102112	50.554	ng		89
33) 4-Chloroaniline	10.92	127	212578	46.418	ng		98
34) Hexachlorobutadiene	11.09	225	102500	35.458	ng		98
35) Caprolactam	11.71	113	71486m	56.274	ng		
36) 4-Chloro-3-methylphenol	12.10	107	229376	58.816	ng		94
37) 2-Methylnaphthalene	12.41	142	415802	50.920	ng		97
38) 1-Methylnaphthalene	12.63	142	397119	51.482	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	233891	49.633	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	256630	94.352	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	176262	53.845	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	188749	50.457	ng		99
46) 1,1'-Biphenyl	13.42	154	539644	52.056	ng		99
47) 2-Chloronaphthalene	13.47	162	420102	49.905	ng		98
48) 2-Nitroaniline	13.68	65	152048	54.909	ng		92
49) Acenaphthylene	14.32	152	714007	52.805	ng		99
50) Dimethylphthalate	14.05	163	604922	52.268	ng		99
51) 2,6-Dinitrotoluene	14.17	165	136268	52.179	ng		99
52) Acenaphthene	14.66	154	426545	47.127	ng		99
53) 3-Nitroaniline	14.52	138	122784	46.250	ng		99
54) 2,4-Dinitrophenol	14.72	184	131493	77.077	ng		99
55) Dibenzofuran	14.99	168	701460	52.188	ng		97
56) 4-Nitrophenol	14.90	139	183713	91.403	ng		93
57) 2,4-Dinitrotoluene	14.96	165	195538	51.699	ng		97
58) Fluorene	15.64	166	592115	53.622	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	182475	55.446	ng		98
60) Diethylphthalate	15.42	149	630425	52.334	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	324570	51.365	ng		98
62) 4-Nitroaniline	15.69	138	129779	46.827	ng		98
63) Azobenzene	15.93	77	608964	54.215	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	123833	55.515	ng		94
66) n-Nitrosodiphenylamine	15.86	169	527577	57.370	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	225440	54.358	ng		94
68) Hexachlorobenzene	16.66	284	245558	56.609	ng		98
69) Atrazine	16.81	200	200108	52.831	ng		95
70) Pentachlorophenol	17.01	266	240360	106.715	ng		97
71) Phenanthrene	17.38	178	942561	56.372	ng		100
72) Anthracene	17.48	178	959807	57.162	ng		98
73) Carbazole	17.75	167	876064	53.525	ng		99
74) Di-n-butylphthalate	18.31	149	1053506	53.627	ng		99
75) Fluoranthene	19.40	202	1148198	53.989	ng		99
77) Benzidine	19.58	184	648804	67.794	ng		99
78) Pyrene	19.76	202	1113286	57.314	ng		100
80) Butylbenzylphthalate	20.64	149	463950	55.336	ng		96
81) Benzo(a)anthracene	21.58	228	1076457	56.709	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	383606	51.518	ng		98
83) Chrysene	21.65	228	1048131	57.425	ng		98
84) Bis(2-ethylhexyl)phthalate	21.49	149	651324	56.513	ng		98
85) Di-n-octyl phthalate	22.68	149	1090152	55.073	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1321904	55.384	ng	#	97
88) Benzo(b)fluoranthene	23.75	252	1152924	57.402	ng		99
89) Benzo(k)fluoranthene	23.82	252	1107729	58.705	ng		99
90) Benzo(a)pyrene	24.60	252	1051271	56.201	ng		100
91) Dibenzo(a,h)anthracene	28.39	278	1085213	57.732	ng		99
92) Benzo(g,h,i)perylene	29.44	276	1077888	57.335	ng		97

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

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