Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045397.D
Acq On : 15 May 2020 14:25
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
5/18/2020 1:20:02 PM

Quant Time: May 15 15:42:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 13:09:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	67428	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	263827	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	175191	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	427993	20.00	ng	0.00
76) Chrysene-d12	21.63	240	420454	20.00	ng	0.00
87) Perylene-d12	24.78	264	480134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	553111	135.43	ng	0.00
7) Phenol-d6	7.14	99	773669	127.50	ng	0.00
23) Nitrobenzene-d5	9.13	82	759538	131.36	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	364163	134.55	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1600453	133.96	ng	0.00
79) Terphenyl-d14	19.98	244	2560172	132.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	138936	76.546	ng	99
3) Pyridine	3.82	79	385259m	68.937	ng	
4) n-Nitrosodimethylamine	3.73	42	129898	75.875	ng	94
6) Aniline	7.29	93	505200	64.033	ng	97
8) 2-Chlorophenol	7.54	128	297775	67.839	ng	98
9) Benzaldehyde	7.10	77	239545	66.620	ng	96
10) Phenol	7.16	94	393027	64.725	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	312749	64.690	ng	99
12) 1,3-Dichlorobenzene	7.86	146	358841	69.377	ng	97
13) 1,4-Dichlorobenzene	8.00	146	351960	68.290	ng	96
14) 1,2-Dichlorobenzene	8.32	146	336989	68.345	ng	97
15) Benzyl Alcohol	8.20	79	327300	64.333	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.50	45	291277	61.376	ng	95
17) 2-Methylphenol	8.42	107	296591	63.306	ng	98
18) Hexachloroethane	9.06	117	135934	70.159	ng	93
19) n-Nitroso-di-n-propylamine	8.78	70	262075	61.070	ng	97
20) 3+4-Methylphenols	8.75	107	403787	61.575	ng	97
22) Acetophenone	8.79	105	487838	68.377	ng	99
24) Nitrobenzene	9.17	77	404528	68.254	ng	99
25) Isophorone	9.70	82	733328	61.932	ng	98
26) 2-Nitrophenol	9.88	139	176073	68.969	ng	96
27) 2,4-Dimethylphenol	9.95	122	259828	64.142	ng	97
28) bis(2-Chloroethoxy)methane	10.18	93	381448	61.313	ng	98
29) 2,4-Dichlorophenol	10.43	162	306342	65.494	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	362047	68.365	ng	98
31) Naphthalene	10.82	128	951729	65.943	ng	98
32) Benzoic acid	10.14	122	203206	66.882	ng	95
33) 4-Chloroaniline	10.93	127	407881	60.598	ng	97
34) Hexachlorobutadiene	11.12	225	253535	69.827	ng	97
35) Caprolactam	11.72	113	110565m	59.393	ng	
36) 4-Chloro-3-methylphenol	12.07	107	343642	62.540	ng	96
37) 2-Methylnaphthalene	12.43	142	701622	62.632	ng	97
38) 1-Methylnaphthalene	12.65	142	658441m	62.261	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	389345	69.024	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	251517	71.342	ng		96
43) 2,4,6-Trichlorophenol	13.05	196	279174	70.127	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	317210	70.002	ng		98
46) 1,1'-Biphenyl	13.44	154	853880	64.126	ng		99
47) 2-Chloronaphthalene	13.49	162	697907	68.593	ng		100
48) 2-Nitroaniline	13.69	65	236036	70.509	ng		90
49) Acenaphthylene	14.34	152	1106016	66.736	ng		99
50) Dimethylphthalate	14.07	163	937766	65.740	ng		98
51) 2,6-Dinitrotoluene	14.18	165	217629	68.209	ng		97
52) Acenaphthene	14.68	154	771780m	68.828	ng		
53) 3-Nitroaniline	14.51	138	225952	64.569	ng		94
54) 2,4-Dinitrophenol	14.73	184	143913	75.853	ng		95
55) Dibenzofuran	15.01	168	1094416	66.945	ng		96
56) 4-Nitrophenol	14.84	139	179593	66.190	ng		90
57) 2,4-Dinitrotoluene	14.98	165	319351	68.489	ng		99
58) Fluorene	15.67	166	895278	67.046	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	284652	70.599	ng		99
60) Diethylphthalate	15.44	149	970382	65.247	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	520407	67.709	ng		99
62) 4-Nitroaniline	15.68	138	233814	64.420	ng		98
63) Azobenzene	15.95	77	922125	67.250	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	207043	73.597	ng		98
66) n-Nitrosodiphenylamine	15.87	169	802058	65.224	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	367485	66.556	ng		97
68) Hexachlorobenzene	16.68	284	379712	66.309	ng		96
69) Atrazine	16.82	200	328219	66.777	ng		97
70) Pentachlorophenol	17.02	266	222317	63.285	ng		99
71) Phenanthrene	17.40	178	1439857	65.468	ng		98
72) Anthracene	17.50	178	1439235	65.237	ng		96
73) Carbazole	17.76	167	1418861	63.375	ng		99
74) Di-n-butylphthalate	18.33	149	1630630	62.110	ng		97
75) Fluoranthene	19.41	202	1783045	63.871	ng		97
77) Benzidine	19.60	184	817036	60.383	ng		97
78) Pyrene	19.78	202	1775132	61.240	ng		96
80) Butylbenzylphthalate	20.66	149	788277	65.607	ng		96
81) Benzo(a)anthracene	21.60	228	1782292	65.402	ng		95
82) 3,3'-Dichlorobenzidine	21.52	252	715228	65.940	ng		98
83) Chrysene	21.67	228	1711842	65.378	ng		95
84) Bis(2-ethylhexyl)phthalate	21.52	149	1096588	66.359	ng		96
85) Di-n-octyl phthalate	22.71	149	1900164	66.495	ng		99
86) Indeno(1,2,3-cd)pyrene	28.39	276	2390631	68.768	ng	#	95
88) Benzo(b)fluoranthene	23.79	252	2026707	67.388	ng		98
89) Benzo(k)fluoranthene	23.86	252	1841316	64.378	ng		98
90) Benzo(a)pyrene	24.64	252	1885804	66.411	ng		96
91) Dibenzo(a,h)anthracene	28.45	278	1892892	66.155	ng		99
92) Benzo(g,h,i)perylene	29.51	276	1915936	66.790	ng		97

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

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