Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
Data File : BG042928.D
Acq On : 25 Sep 2019 14:41
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
9/27/2019 8:27:38 AM

Quant Time: Sep 25 15:37:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 12:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	61124	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	236673	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	169950	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	423407	20.00	ng		0.00
76) Chrysene-d12	21.71	240	451055	20.00	ng		0.00
87) Perylene-d12	24.94	264	517618	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	669826	189.99	ng		0.00
7) Phenol-d6	7.25	99	947805	186.22	ng		0.00
23) Nitrobenzene-d5	9.24	82	960804	198.04	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	599193	223.56	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	2159462	186.42	ng		0.00
79) Terphenyl-d14	20.05	244	3459808	156.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	138462	94.504	ng		98
3) Pyridine	3.96	79	379027	88.873	ng		96
4) n-Nitrosodimethylamine	3.87	42	193539	97.905	ng		90
6) Aniline	7.41	93	574344	92.539	ng		96
8) 2-Chlorophenol	7.65	128	346347	95.940	ng		98
10) Phenol	7.28	94	440462	92.842	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	336737	91.048	ng		99
12) 1,3-Dichlorobenzene	7.96	146	442069	97.014	ng		99
13) 1,4-Dichlorobenzene	8.11	146	436314	95.237	ng		96
14) 1,2-Dichlorobenzene	8.43	146	416824	95.859	ng		96
15) Benzyl Alcohol	8.32	79	377310	98.587	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	616735	85.818	ng		98
17) 2-Methylphenol	8.52	107	303713	92.689	ng		98
18) Hexachloroethane	9.16	117	167246	99.633	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	310293	91.405	ng		97
20) 3+4-Methylphenols	8.86	107	421516	93.683	ng		95
22) Acetophenone	8.90	105	589583	95.486	ng	#	98
24) Nitrobenzene	9.28	77	457029	97.234	ng		100
25) Isophorone	9.81	82	858510	99.043	ng		99
26) 2-Nitrophenol	9.99	139	209547	108.138	ng		98
27) 2,4-Dimethylphenol	10.06	122	308362	101.877	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	476699	95.292	ng		98
29) 2,4-Dichlorophenol	10.53	162	382487	103.729	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	480913	102.015	ng		96
31) Naphthalene	10.93	128	1125884	97.320	ng		97
32) Benzoic acid	10.25	122	285272	121.416	ng		90
33) 4-Chloroaniline	11.04	127	513761	99.721	ng		98
34) Hexachlorobutadiene	11.22	225	355967	104.630	ng		98
35) Caprolactam	11.85	113	140101m	105.333	ng		
36) 4-Chloro-3-methylphenol	12.17	107	418614	102.524	ng		97
37) 2-Methylnaphthalene	12.53	142	865376	98.357	ng		96
38) 1-Methylnaphthalene	12.75	142	814544	97.992	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	606475	96.412	ng		98
41) Hexachlorocyclopentadiene	12.88	237	412205	106.891	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.14	196	381313	103.618	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	394120	103.764	ng		98
46) 1,1'-Biphenyl	13.53	154	1217971	94.029	ng		97
47) 2-Chloronaphthalene	13.58	162	947983	97.047	ng		99
48) 2-Nitroaniline	13.78	65	343981	104.949	ng		97
49) Acenaphthylene	14.42	152	1428586	96.676	ng		98
50) Dimethylphthalate	14.16	163	1238610	99.594	ng		98
51) 2,6-Dinitrotoluene	14.27	165	279687	105.582	ng		97
52) Acenaphthene	14.76	154	927373	94.816	ng		98
53) 3-Nitroaniline	14.60	138	293781	105.517	ng		99
54) 2,4-Dinitrophenol	14.80	184	193698	124.104	ng		96
55) Dibenzofuran	15.10	168	1397585	96.325	ng		98
56) 4-Nitrophenol	14.92	139	233769	110.236	ng		98
57) 2,4-Dinitrotoluene	15.06	165	411192	109.373	ng		98
58) Fluorene	15.74	166	1210157	98.654	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	413215	106.390	ng		100
60) Diethylphthalate	15.51	149	1257623	100.223	ng		96
61) 4-Chlorophenyl-phenylether	15.73	204	731375	100.699	ng		96
62) 4-Nitroaniline	15.77	138	316384	104.949	ng		95
63) Azobenzene	16.03	77	1153129	95.631	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	256652	114.455	ng		98
66) n-Nitrosodiphenylamine	15.95	169	1070663	94.072	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	516393	99.133	ng		95
68) Hexachlorobenzene	16.75	284	575349	100.119	ng		96
69) Atrazine	16.90	200	429464	91.450	ng		95
70) Pentachlorophenol	17.09	266	360755	109.208	ng		99
71) Phenanthrene	17.48	178	1897193m	92.250	ng		
72) Anthracene	17.58	178	1909841	93.357	ng		95
73) Carbazole	17.84	167	1772962	92.961	ng		95
74) Di-n-butylphthalate	18.40	149	2094917	94.347	ng	#	95
75) Fluoranthene	19.49	202	2401584	92.165	ng		94
77) Benzidine	19.67	184	936440	74.790	ng		95
78) Pyrene	19.85	202	2389226m	88.815	ng		
80) Butylbenzylphthalate	20.74	149	1017794	97.977	ng		99
81) Benzo(a)anthracene	21.70	228	2565795	92.366	ng	#	92
82) 3,3'-Dichlorobenzidine	21.61	252	1046624	94.594	ng		96
83) Chrysene	21.77	228	2430209	90.469	ng		92
84) Bis(2-ethylhexyl)phthalate	21.60	149	1420118	96.660	ng		98
85) Di-n-octyl phthalate	22.82	149	2296943	94.486	ng		98
86) Indeno(1,2,3-cd)pyrene	28.66	276	3362305	100.395	ng	#	95
88) Benzo(b)fluoranthene	23.93	252	2763758	93.766	ng		96
89) Benzo(k)fluoranthene	24.00	252	2732678	95.966	ng		96
90) Benzo(a)pyrene	24.80	252	2642094	95.176	ng		97
91) Dibenzo(a,h)anthracene	28.72	278	2755866	97.766	ng		99
92) Benzo(g,h,i)perylene	29.81	276	2698242	98.964	ng		97

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

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