Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042402.D
Acq On : 22 Aug 2019 13:32
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
Jagrut
8/23/2019 2:54:13 PM

Quant Time: Aug 22 14:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:44:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	63713	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	269012	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	201510	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	449872	20.00	ng		0.00
76) Chrysene-d12	21.70	240	434673	20.00	ng		0.00
87) Perylene-d12	24.95	264	536856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	610772	194.23	ng		0.00
7) Phenol-d6	7.18	99	829807	194.30	ng		0.00
23) Nitrobenzene-d5	9.18	82	759050	198.45	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	548959	200.02	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	2040955	171.39	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	125290	92.389	ng		99
3) Pyridine	3.82	79	319389	91.945	ng		98
4) n-Nitrosodimethylamine	3.74	42	125853	105.234	ng		97
6) Aniline	7.33	93	548593	97.331	ng		98
8) 2-Chlorophenol	7.57	128	371514	97.182	ng		98
10) Phenol	7.21	94	418114	96.296	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	334284	97.473	ng		99
12) 1,3-Dichlorobenzene	7.90	146	474338	97.493	ng		100
13) 1,4-Dichlorobenzene	8.04	146	471416	96.198	ng		95
14) 1,2-Dichlorobenzene	8.37	146	453867	97.050	ng		99
15) Benzyl Alcohol	8.25	79	312362	106.347	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	447343	94.590	ng		100
17) 2-Methylphenol	8.46	107	315641	98.316	ng		96
18) Hexachloroethane	9.09	117	165975	98.548	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	269679	98.173	ng		97
20) 3+4-Methylphenols	8.80	107	440306	99.131	ng		98
22) Acetophenone	8.84	105	555214	97.134	ng	#	99
24) Nitrobenzene	9.22	77	386716	99.227	ng		99
25) Isophorone	9.75	82	747365	97.716	ng		100
26) 2-Nitrophenol	9.94	139	251716	103.896	ng		98
27) 2,4-Dimethylphenol	10.00	122	336215	100.031	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	468941	95.187	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	446659	99.946	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	532583	97.493	ng		97
31) Naphthalene	10.88	128	1182823	94.881	ng		96
32) Benzoic acid	10.23	122	286858	128.101	ng		98
33) 4-Chloroaniline	10.99	127	559747	98.463	ng		98
34) Hexachlorobutadiene	11.17	225	356262	97.317	ng		98
35) Caprolactam	11.81	113	148222	104.062	ng		98
36) 4-Chloro-3-methylphenol	12.13	107	417886	100.039	ng		98
37) 2-Methylnaphthalene	12.49	142	954095	95.474	ng		97
38) 1-Methylnaphthalene	12.71	142	904078	94.976	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	612853	94.354	ng		99
41) Hexachlorocyclopentadiene	12.84	237	379083	115.246	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	424437	97.632	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	441089	98.511	ng		97
46) 1,1'-Biphenyl	13.50	154	1210928	92.108	ng		95
47) 2-Chloronaphthalene	13.54	162	1053962	94.037	ng		95
48) 2-Nitroaniline	13.75	65	266955	100.780	ng		98
49) Acenaphthylene	14.39	152	1531060	90.869	ng		94
50) Dimethylphthalate	14.13	163	1323461	92.428	ng		97
51) 2,6-Dinitrotoluene	14.24	165	327576	97.748	ng		99
52) Acenaphthene	14.74	154	957332	93.140	ng		97
53) 3-Nitroaniline	14.58	138	331622	100.639	ng		99
54) 2,4-Dinitrophenol	14.79	184	234468	126.033	ng		96
55) Dibenzofuran	15.07	168	1510027	90.194	ng		93
56) 4-Nitrophenol	14.90	139	250681	105.452	ng		99
57) 2,4-Dinitrotoluene	15.03	165	466450	99.554	ng		95
58) Fluorene	15.72	166	1241092	91.126	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	423717m	97.436	ng		
60) Diethylphthalate	15.49	149	1276416	92.139	ng		94
61) 4-Chlorophenyl-phenylether	15.71	204	766830	93.761	ng		97
62) 4-Nitroaniline	15.75	138	349625	100.406	ng		98
63) Azobenzene	16.00	77	908704	94.129	ng		96
65) 4,6-Dinitro-2-methylphenol	15.81	198	303762	110.663	ng		98
66) n-Nitrosodiphenylamine	15.93	169	1158102	91.998	ng		95
67) 4-Bromophenyl-phenylether	16.60	248	554183	96.800	ng		98
68) Hexachlorobenzene	16.73	284	595867	97.165	ng		94
70) Pentachlorophenol	17.07	266	336681	103.136	ng		97
71) Phenanthrene	17.46	178	1964969	87.701	ng	#	93
72) Anthracene	17.56	178	1946805	87.122	ng	#	92
73) Carbazole	17.83	167	1747121	88.017	ng		93
74) Di-n-butylphthalate	18.38	149	1996355	86.218	ng	#	93
75) Fluoranthene	19.48	202	2241426	82.960	ng		92
78) Pyrene	19.84	202	2224639	83.176	ng	#	89
80) Butylbenzylphthalate	20.72	149	976011	92.074	ng		95
81) Benzo(a)anthracene	21.68	228	2333066	87.401	ng		91
82) 3,3'-Dichlorobenzidine	21.59	252	940314	88.502	ng		98
83) Chrysene	21.75	228	2216662	86.807	ng	#	89
84) Bis(2-ethylhexyl)phthalate	21.58	149	1325291	89.667	ng		96
85) Di-n-octyl phthalate	22.81	149	2261260	89.694	ng		98
86) Indeno(1,2,3-cd)pyrene	28.68	276	3376557	99.034	ng		98
88) Benzo(b)fluoranthene	23.92	252	2702827	91.595	ng		95
89) Benzo(k)fluoranthene	24.00	252	2506518	86.897	ng		93
90) Benzo(a)pyrene	24.81	252	2577472	91.156	ng		96
91) Dibenzo(a,h)anthracene	28.76	278	2659604	94.285	ng		95
92) Benzo(g,h,i)perylene	29.87	276	2702487	96.142	ng		98

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

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