Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044649.D
Acq On : 3 Mar 2020 2:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/3/2020 12:28:32 PM

Quant Time: Mar 03 08:00:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71179m	20.00	ng		-0.07
21) Naphthalene-d8	10.60	136	303171	20.00	ng		-0.07
39) Acenaphthene-d10	14.46	164	205755	20.00	ng		-0.06
64) Phenanthrene-d10	17.20	188	449453	20.00	ng		-0.06
76) Chrysene-d12	21.44	240	400004	20.00	ng		-0.07
87) Perylene-d12	24.45	264	458150	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	340096	76.66	ng		-0.07
7) Phenol-d6	6.98	99	474979	78.22	ng		-0.07
23) Nitrobenzene-d5	8.96	82	449725	76.42	ng		-0.07
42) 2,4,6-Tribromophenol	15.95	330	219647	75.29	ng		-0.06
45) 2-Fluorobiphenyl	13.08	172	1046382	72.82	ng		-0.06
79) Terphenyl-d14	19.83	244	1567950	74.21	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	70120	36.221	ng		98
3) Pyridine	3.63	79	212519	39.343	ng		98
4) n-Nitrosodimethylamine	3.55	42	85242	41.550	ng		96
6) Aniline	7.13	93	289526	39.161	ng		98
8) 2-Chlorophenol	7.37	128	186896	38.593	ng		98
9) Benzaldehyde	6.94	77	130471	36.539	ng		99
10) Phenol	7.01	94	229411	38.984	ng		98
11) bis(2-Chloroethyl)ether	7.23	93	191292	38.668	ng		96
12) 1,3-Dichlorobenzene	7.69	146	218001	37.743	ng		98
13) 1,4-Dichlorobenzene	7.84	146	218974	37.723	ng		99
14) 1,2-Dichlorobenzene	8.16	146	209535	37.957	ng		97
15) Benzyl Alcohol	8.05	79	165848	40.497	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	264604	39.799	ng		99
17) 2-Methylphenol	8.26	107	163071	38.790	ng		98
18) Hexachloroethane	8.89	117	81842	38.579	ng		95
19) n-Nitroso-di-n-propylamine	8.62	70	156390	40.066	ng		98
20) 3+4-Methylphenols	8.59	107	226466	39.347	ng		98
22) Acetophenone	8.63	105	286413	37.628	ng	#	99
24) Nitrobenzene	9.00	77	218690	38.358	ng		98
25) Isophorone	9.53	82	421694	38.306	ng		99
26) 2-Nitrophenol	9.72	139	114681	37.090	ng		98
27) 2,4-Dimethylphenol	9.79	122	164484	37.888	ng		99
28) bis(2-Chloroethoxy)methane	10.01	93	276059	37.920	ng		99
29) 2,4-Dichlorophenol	10.26	162	197169	37.988	ng		97
30) 1,2,4-Trichlorobenzene	10.47	180	224423	37.388	ng		100
31) Naphthalene	10.65	128	619503	37.448	ng		99
32) Benzoic acid	9.97	122	72435	46.434	ng		97
33) 4-Chloroaniline	10.76	127	282689	38.797	ng		97
34) Hexachlorobutadiene	10.95	225	138299	36.688	ng		99
35) Caprolactam	11.54	113	73682	39.656	ng		97
36) 4-Chloro-3-methylphenol	11.91	107	209936	39.294	ng		98
37) 2-Methylnaphthalene	12.27	142	463410	37.903	ng		99
38) 1-Methylnaphthalene	12.49	142	438621	37.756	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	249098	35.962	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	94741	34.208 ng	98
43) 2,4,6-Trichlorophenol	12.89	196	167336	37.206 ng	98
44) 2,4,5-Trichlorophenol	12.96	196	173380	37.527 ng	98
46) 1,1'-Biphenyl	13.29	154	620654	36.451 ng	97
47) 2-Chloronaphthalene	13.33	162	486695	36.451 ng	98
48) 2-Nitroaniline	13.53	65	144045	38.864 ng	94
49) Acenaphthylene	14.18	152	727873	36.931 ng	100
50) Dimethylphthalate	13.92	163	618134	37.221 ng	100
51) 2,6-Dinitrotoluene	14.03	165	136136	37.169 ng	98
52) Acenaphthene	14.52	154	462152	36.785 ng	100
53) 3-Nitroaniline	14.36	138	150897	38.201 ng	98
54) 2,4-Dinitrophenol	14.57	184	64010	35.266 ng	95
55) Dibenzofuran	14.86	168	719918	37.377 ng	98
56) 4-Nitrophenol	14.69	139	107477	39.555 ng	94
57) 2,4-Dinitrotoluene	14.83	165	193086	37.497 ng	98
58) Fluorene	15.51	166	571086	37.396 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	158915	37.351 ng	98
60) Diethylphthalate	15.28	149	617906	37.552 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	308026	37.096 ng	98
62) 4-Nitroaniline	15.53	138	152425	38.537 ng	97
63) Azobenzene	15.80	77	536918	38.341 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	102506	36.833 ng	95
66) n-Nitrosodiphenylamine	15.72	169	525507	37.483 ng	99
67) 4-Bromophenyl-phenylether	16.39	248	207238	37.146 ng	99
68) Hexachlorobenzene	16.52	284	236217	37.449 ng	99
69) Atrazine	16.67	200	189744	36.610 ng	99
70) Pentachlorophenol	16.86	266	103864	37.866 ng	97
71) Phenanthrene	17.25	178	925116	37.178 ng	99
72) Anthracene	17.33	178	916113	37.359 ng	99
73) Carbazole	17.61	167	835347	37.425 ng	99
74) Di-n-butylphthalate	18.18	149	1033209	36.940 ng	99
75) Fluoranthene	19.26	202	1081201	36.705 ng	99
77) Benzidine	19.44	184	511262	37.312 ng	99
78) Pyrene	19.62	202	1092377	37.621 ng	98
80) Butylbenzylphthalate	20.51	149	470631	37.054 ng	97
81) Benzo(a)anthracene	21.42	228	1047316	37.253 ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	419976	37.813 ng	97
83) Chrysene	21.48	228	1011748	37.221 ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	645703	36.896 ng	100
85) Di-n-octyl phthalate	22.49	149	1141421	37.070 ng	99
86) Indeno(1,2,3-cd)pyrene	27.87	276	1297149	37.185 ng	99
88) Benzo(b)fluoranthene	23.50	252	1122925	37.279 ng	99
89) Benzo(k)fluoranthene	23.57	252	1106604	37.862 ng	99
90) Benzo(a)pyrene	24.32	252	1059132	37.423 ng	99
91) Dibenzo(a,h)anthracene	27.92	278	1048828	37.471 ng	100
92) Benzo(g,h,i)perylene	28.93	276	1050360	37.455 ng	98

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

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