Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040744.D
Acq On : 4 May 2019 3:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/7/2019 11:58:36 PM

Quant Time: May 05 23:56:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57663	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	253460	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	185475	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	485021	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	526926	20.00	ng		-0.02
87) Perylene-d12	25.16	264	530684	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	284889	87.09	ng		0.00
7) Phenol-d6	7.28	99	440890	87.54	ng		-0.01
23) Nitrobenzene-d5	9.33	82	493093	89.89	ng		-0.01
42) 2,4,6-Tribromophenol	16.26	330	237024	92.97	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	1050348	81.79	ng		-0.02
79) Terphenyl-d14	20.12	244	1906444	80.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	61675	41.457	ng		92
3) Pyridine	3.95	79	180609	41.885	ng		98
4) n-Nitrosodimethylamine	3.88	42	100976	42.218	ng	#	90
6) Aniline	7.47	93	272156	40.767	ng		99
8) 2-Chlorophenol	7.70	128	165209	41.362	ng		95
9) Benzaldehyde	7.28	77	137940	48.285	ng		97
10) Phenol	7.31	94	233468	43.122	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	162688	40.071	ng		98
12) 1,3-Dichlorobenzene	8.03	146	183013	41.979	ng		100
13) 1,4-Dichlorobenzene	8.18	146	184215	41.682	ng		99
14) 1,2-Dichlorobenzene	8.51	146	174901	41.036	ng		95
15) Benzyl Alcohol	8.38	79	207961	39.682	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	292126	36.140	ng		98
17) 2-Methylphenol	8.58	107	160496	41.888	ng		95
18) Hexachloroethane	9.24	117	71475	39.425	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	176902	39.018	ng		95
20) 3+4-Methylphenols	8.91	107	220194	41.253	ng		96
22) Acetophenone	8.98	105	294403	41.771	ng	#	98
24) Nitrobenzene	9.37	77	256357	43.802	ng		98
25) Isophorone	9.89	82	482261	39.469	ng		99
26) 2-Nitrophenol	10.08	139	109751	52.314	ng		95
27) 2,4-Dimethylphenol	10.12	122	165144	41.955	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	246180	40.157	ng		99
29) 2,4-Dichlorophenol	10.60	162	205749	45.977	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	218326	43.995	ng		97
31) Naphthalene	11.02	128	564802	41.944	ng		99
32) Benzoic acid	10.18	122	31458m	11.674	ng		
33) 4-Chloroaniline	11.13	127	254274	42.590	ng		97
34) Hexachlorobutadiene	11.29	225	162156	44.261	ng		97
35) Caprolactam	11.93	113	75775	42.889	ng	#	89
36) 4-Chloro-3-methylphenol	12.23	107	255252	45.215	ng		98
37) 2-Methylnaphthalene	12.61	142	423458	42.060	ng		99
38) 1-Methylnaphthalene	12.83	142	416408	42.314	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	301602	43.651	ng		98

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Quant Time: May 05 23:56:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	177454	43.524	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	196843	47.143	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	215231	47.319	ng		98
46) 1,1'-Biphenyl	13.61	154	583749	40.537	ng		96
47) 2-Chloronaphthalene	13.66	162	467167	41.454	ng		99
48) 2-Nitroaniline	13.87	65	197271	49.176	ng		98
49) Acenaphthylene	14.51	152	778858	40.735	ng		99
50) Dimethylphthalate	14.22	163	646797	41.680	ng		98
51) 2,6-Dinitrotoluene	14.35	165	145680	48.100	ng		95
52) Acenaphthene	14.84	154	441780	39.675	ng		97
53) 3-Nitroaniline	14.69	138	150546	48.512	ng	#	97
54) 2,4-Dinitrophenol	14.88	184	6034	10.237	ng	#	82
55) Dibenzofuran	15.18	168	768817	42.154	ng		100
56) 4-Nitrophenol	14.97	139	105017	39.027	ng	#	89
57) 2,4-Dinitrotoluene	15.13	165	211782	51.459	ng		96
58) Fluorene	15.82	166	620901	42.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	211564m	46.212	ng		
60) Diethylphthalate	15.57	149	674523	41.197	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	376078	43.865	ng		97
62) 4-Nitroaniline	15.85	138	158679	45.711	ng		93
63) Azobenzene	16.10	77	664689	39.420	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	21032	14.600	ng		94
66) n-Nitrosodiphenylamine	16.02	169	563926	39.519	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	254689	42.148	ng		95
68) Hexachlorobenzene	16.81	284	262286	41.978	ng		94
69) Atrazine	16.96	200	217802	38.524	ng		99
70) Pentachlorophenol	17.16	266	76066m	20.805	ng		
71) Phenanthrene	17.57	178	1067350	40.856	ng		99
72) Anthracene	17.65	178	1058054	40.292	ng		100
73) Carbazole	17.92	167	959284	40.096	ng		100
74) Di-n-butylphthalate	18.46	149	1118609	38.738	ng		99
75) Fluoranthene	19.56	202	1350034	41.469	ng		100
77) Benzidine	19.74	184	527811	36.584	ng		98
78) Pyrene	19.93	202	1357231	41.097	ng		98
80) Butylbenzylphthalate	20.79	149	522502	40.593	ng		98
81) Benzo(a)anthracene	21.79	228	1357848	40.774	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	495744	41.765	ng		99
83) Chrysene	21.86	228	1297614	40.971	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	717800	38.632	ng		98
85) Di-n-octyl phthalate	22.92	149	1222805	39.077	ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1485046	38.782	ng	#	88
88) Benzo(b)fluoranthene	24.09	252	1342640	41.402	ng		99
89) Benzo(k)fluoranthene	24.16	252	1288640m	42.549	ng		
90) Benzo(a)pyrene	25.00	252	1280235	41.705	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	1195816	38.495	ng	#	95
92) Benzo(g,h,i)perylene	30.25	276	1208544	39.091	ng		98

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

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