Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040804.D
Acq On : 9 May 2019 3:17
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2019 6:47:33 PM

Quant Time: May 09 05:35:08 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	57472	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	253675	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	184316	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	458826	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	502116	20.00	ng		-0.02
87) Perylene-d12	25.15	264	473138	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	263074	80.69	ng		-0.01
7) Phenol-d6	7.28	99	411666	82.01	ng		-0.02
23) Nitrobenzene-d5	9.32	82	478715	87.20	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	229480	90.58	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	1035776	81.16	ng		-0.02
79) Terphenyl-d14	20.11	244	1781821	78.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	58183	39.240	ng		88
3) Pyridine	3.95	79	175909	40.930	ng		100
4) n-Nitrosodimethylamine	3.87	42	93219	39.105	ng	#	90
6) Aniline	7.46	93	254655	38.272	ng		98
8) 2-Chlorophenol	7.70	128	154054	38.697	ng		96
9) Benzaldehyde	7.28	77	129508	44.296	ng		96
10) Phenol	7.31	94	220190	40.804	ng		96
11) bis(2-Chloroethyl)ether	7.56	93	159310	39.369	ng		96
12) 1,3-Dichlorobenzene	8.03	146	175269	40.336	ng		96
13) 1,4-Dichlorobenzene	8.18	146	178888	40.611	ng		97
14) 1,2-Dichlorobenzene	8.50	146	170245	40.076	ng		94
15) Benzyl Alcohol	8.38	79	198623	38.026	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	275713	34.223	ng		96
17) 2-Methylphenol	8.57	107	149243	39.081	ng		89
18) Hexachloroethane	9.23	117	69421	38.419	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	166602	36.868	ng		94
20) 3+4-Methylphenols	8.90	107	211664	39.787	ng		97
22) Acetophenone	8.97	105	284756	40.368	ng		94
24) Nitrobenzene	9.36	77	249837	42.652	ng		97
25) Isophorone	9.88	82	466730	38.166	ng		100
26) 2-Nitrophenol	10.07	139	104590	49.812	ng		97
27) 2,4-Dimethylphenol	10.11	122	156038	39.608	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	237664	38.735	ng		99
29) 2,4-Dichlorophenol	10.60	162	192972	43.086	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	209358	42.152	ng		99
31) Naphthalene	11.02	128	541160	40.154	ng		98
32) Benzoic acid	10.24	122	102941m	38.169	ng		
33) 4-Chloroaniline	11.12	127	237695	39.779	ng		99
34) Hexachlorobutadiene	11.28	225	159766	43.571	ng		94
35) Caprolactam	11.92	113	66895	37.831	ng	#	92
36) 4-Chloro-3-methylphenol	12.22	107	237467	42.029	ng		98
37) 2-Methylnaphthalene	12.61	142	410523	40.741	ng		99
38) 1-Methylnaphthalene	12.83	142	400385	40.652	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	295751	43.073	ng		98

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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	140066	34.570	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	181324	43.700	ng		94
44) 2,4,5-Trichlorophenol	13.28	196	196981	43.579	ng		97
46) 1,1'-Biphenyl	13.61	154	559887	39.124	ng		93
47) 2-Chloronaphthalene	13.66	162	453553	40.499	ng		98
48) 2-Nitroaniline	13.86	65	182620	45.810	ng		99
49) Acenaphthylene	14.50	152	744934	39.205	ng		99
50) Dimethylphthalate	14.22	163	611585	39.658	ng		99
51) 2,6-Dinitrotoluene	14.35	165	138970	46.173	ng		90
52) Acenaphthene	14.84	154	433453	39.172	ng		92
53) 3-Nitroaniline	14.68	138	136229	44.175	ng	#	93
54) 2,4-Dinitrophenol	14.88	184	54497	36.304	ng	#	88
55) Dibenzofuran	15.17	168	735697	40.592	ng		100
56) 4-Nitrophenol	14.96	139	95532	35.726	ng		93
57) 2,4-Dinitrotoluene	15.13	165	194991	47.677	ng		93
58) Fluorene	15.81	166	584901	39.927	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	197186	43.342	ng		98
60) Diethylphthalate	15.57	149	630583	38.755	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	362134	42.504	ng		96
62) 4-Nitroaniline	15.84	138	144205	41.803	ng		92
63) Azobenzene	16.10	77	618683	36.922	ng		96
65) 4,6-Dinitro-2-methylphenol	15.88	198	93746	42.433	ng		90
66) n-Nitrosodiphenylamine	16.02	169	523792	38.802	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	242243	42.377	ng		92
68) Hexachlorobenzene	16.81	284	248075	41.970	ng		98
69) Atrazine	16.96	200	196379	36.718	ng		96
70) Pentachlorophenol	17.15	266	148481	42.929	ng		98
71) Phenanthrene	17.56	178	983661	39.802	ng		99
72) Anthracene	17.65	178	985468	39.671	ng		99
73) Carbazole	17.92	167	863972	38.174	ng		99
74) Di-n-butylphthalate	18.45	149	1022047	37.414	ng		99
75) Fluoranthene	19.56	202	1247697	40.513	ng		99
77) Benzidine	19.74	184	432950	31.491	ng		98
78) Pyrene	19.92	202	1243040	39.499	ng		97
80) Butylbenzylphthalate	20.79	149	464658	37.883	ng		93
81) Benzo(a)anthracene	21.78	228	1245198	39.239	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	428858	37.916	ng		97
83) Chrysene	21.85	228	1212137	40.163	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	645635	36.465	ng		97
85) Di-n-octyl phthalate	22.91	149	1076637	36.106	ng		97
86) Indeno(1,2,3-cd)pyrene	29.00	276	1122436	30.761	ng	#	89
88) Benzo(b)fluoranthene	24.07	252	1190577	41.178	ng		98
89) Benzo(k)fluoranthene	24.15	252	1160319	42.972	ng		99
90) Benzo(a)pyrene	25.00	252	1110378	40.572	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	847088	30.585	ng		98
92) Benzo(g,h,i)perylene	30.22	276	887748	32.207	ng		99

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

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