Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043798.D
Acq On : 11 Dec 2019 16:52
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
12/12/2019 11:33:38 AM

Quant Time: Dec 12 02:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	129290	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	564926	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	399166	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	881338	20.00	ng		0.00
76) Chrysene-d12	21.63	240	734180	20.00	ng		0.00
87) Perylene-d12	24.78	264	846686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	553448	81.11	ng		0.00
7) Phenol-d6	7.16	99	800505	81.34	ng		0.00
23) Nitrobenzene-d5	9.15	82	804971	80.00	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	311536	81.87	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1796577	79.06	ng		0.00
79) Terphenyl-d14	19.98	244	2477352	81.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	124901	39.526	ng		98
3) Pyridine	3.88	79	373166	42.736	ng		98
4) n-Nitrosodimethylamine	3.79	42	164030	39.179	ng		96
6) Aniline	7.32	93	524051	40.246	ng		99
8) 2-Chlorophenol	7.56	128	318828	40.094	ng		97
9) Benzaldehyde	7.13	77	229797	43.447	ng		90
10) Phenol	7.18	94	406088	39.969	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	341907	39.659	ng		97
12) 1,3-Dichlorobenzene	7.89	146	375790	39.434	ng		98
13) 1,4-Dichlorobenzene	8.04	146	373890	39.252	ng		98
14) 1,2-Dichlorobenzene	8.36	146	359245	39.144	ng		97
15) Benzyl Alcohol	8.23	79	317358	40.523	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	542302	39.249	ng		99
17) 2-Methylphenol	8.44	107	289771	39.954	ng		99
18) Hexachloroethane	9.09	117	140678	40.643	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	296350	39.390	ng		99
20) 3+4-Methylphenols	8.77	107	409847	40.584	ng		98
22) Acetophenone	8.82	105	546871	38.816	ng	#	98
24) Nitrobenzene	9.20	77	399243	38.956	ng		98
25) Isophorone	9.72	82	792804	39.454	ng		99
26) 2-Nitrophenol	9.91	139	155448	40.394	ng		96
27) 2,4-Dimethylphenol	9.97	122	281565	39.653	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	504592	39.230	ng		97
29) 2,4-Dichlorophenol	10.44	162	351777	40.342	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	401737	38.920	ng		97
31) Naphthalene	10.85	128	1070516	39.492	ng		99
32) Benzoic acid	10.10	122	205253	42.898	ng		95
33) 4-Chloroaniline	10.95	127	520467	39.601	ng		98
34) Hexachlorobutadiene	11.15	225	241710	38.646	ng		94
35) Caprolactam	11.71	113	140615	41.090	ng		96
36) 4-Chloro-3-methylphenol	12.07	107	380384	40.520	ng		99
37) 2-Methylnaphthalene	12.46	142	827300	39.376	ng		99
38) 1-Methylnaphthalene	12.67	142	782698	39.177	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	451427	37.636	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	210238	37.343	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	307524	40.338	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	326609	40.892	ng		97
46) 1,1'-Biphenyl	13.46	154	1074470	39.045	ng		99
47) 2-Chloronaphthalene	13.50	162	872696	38.792	ng		99
48) 2-Nitroaniline	13.69	65	274223	41.331	ng		95
49) Acenaphthylene	14.35	152	1329627	39.676	ng		99
50) Dimethylphthalate	14.08	163	1141516	40.067	ng		100
51) 2,6-Dinitrotoluene	14.19	165	246956	40.223	ng		95
52) Acenaphthene	14.70	154	855418	38.801	ng		97
53) 3-Nitroaniline	14.52	138	285248	40.599	ng		98
54) 2,4-Dinitrophenol	14.72	184	82949	41.906	ng	#	87
55) Dibenzofuran	15.02	168	1288453	39.481	ng		99
56) 4-Nitrophenol	14.82	139	220447	43.007	ng		94
57) 2,4-Dinitrotoluene	14.98	165	343651	41.423	ng		96
58) Fluorene	15.68	166	1048103	39.845	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	292783m	40.855	ng		
60) Diethylphthalate	15.45	149	1135970	39.917	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	571244	38.777	ng		99
62) 4-Nitroaniline	15.68	138	294629	40.471	ng		97
63) Azobenzene	15.96	77	1028306	39.332	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	119963	37.798	ng		98
66) n-Nitrosodiphenylamine	15.88	169	959559	39.173	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	365843	38.826	ng		97
68) Hexachlorobenzene	16.68	284	386262	38.650	ng		98
69) Atrazine	16.83	200	296664	37.990	ng		99
70) Pentachlorophenol	17.02	266	220823	41.539	ng		96
71) Phenanthrene	17.41	178	1664096	39.884	ng		100
72) Anthracene	17.50	178	1639014	39.684	ng		99
73) Carbazole	17.76	167	1530314	39.638	ng		99
74) Di-n-butylphthalate	18.34	149	1820277	41.128	ng		99
75) Fluoranthene	19.42	202	1916075	40.125	ng		98
77) Benzidine	19.59	184	818121	51.078	ng		97
78) Pyrene	19.78	202	1901628	39.634	ng		98
80) Butylbenzylphthalate	20.68	149	837704	41.922	ng		95
81) Benzo(a)anthracene	21.61	228	1853380	39.998	ng		100
82) 3,3'-Dichlorobenzidine	21.52	252	694847	40.593	ng		98
83) Chrysene	21.67	228	1758840	39.840	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	1172068	40.892	ng		100
85) Di-n-octyl phthalate	22.74	149	1977748	42.208	ng		100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2192109	38.795	ng		99
88) Benzo(b)fluoranthene	23.78	252	1866345	38.285	ng		100
89) Benzo(k)fluoranthene	23.85	252	1847929	39.241	ng		99
90) Benzo(a)pyrene	24.63	252	1797639	38.694	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	1772040	38.188	ng		100
92) Benzo(g,h,i)perylene	29.48	276	1753867	38.301	ng		100

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

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