Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043724.D
Acq On : 20 Nov 2019 12:40
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 21 00:33:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	40150	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	162812	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	115139	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	260621	20.00	ng		0.00
76) Chrysene-d12	21.63	240	277137	20.00	ng		0.00
87) Perylene-d12	24.80	264	328785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	183664	83.82	ng		0.00
7) Phenol-d6	7.18	99	261305	82.89	ng		0.00
23) Nitrobenzene-d5	9.16	82	254520	80.59	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	160082	73.06	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	673374	80.81	ng		0.00
79) Terphenyl-d14	19.98	244	1185255	80.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	30477	35.694	ng		97
3) Pyridine	3.85	79	89742	41.666	ng		92
4) n-Nitrosodimethylamine	3.77	42	49625	45.660	ng		96
6) Aniline	7.32	93	145148	39.970	ng		99
8) 2-Chlorophenol	7.57	128	99193	41.011	ng		93
9) Benzaldehyde	7.13	77	61107	39.443	ng		93
10) Phenol	7.21	94	119292	41.411	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	91734	41.189	ng		95
12) 1,3-Dichlorobenzene	7.88	146	123188	40.651	ng		98
13) 1,4-Dichlorobenzene	8.02	146	121468	39.617	ng		96
14) 1,2-Dichlorobenzene	8.34	146	117095	39.115	ng		95
15) Benzyl Alcohol	8.24	79	86817	39.214	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	130006	40.144	ng		98
17) 2-Methylphenol	8.45	107	85926	40.917	ng		96
18) Hexachloroethane	9.07	117	45136	40.803	ng		89
19) n-Nitroso-di-n-propylamine	8.79	70	78715	38.642	ng		96
20) 3+4-Methylphenols	8.79	107	114919	39.908	ng		95
22) Acetophenone	8.82	105	167526	40.179	ng	#	97
24) Nitrobenzene	9.20	77	118639	39.436	ng		96
25) Isophorone	9.72	82	221603	38.381	ng		98
26) 2-Nitrophenol	9.91	139	59965	41.287	ng		96
27) 2,4-Dimethylphenol	9.98	122	84310	40.501	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	124074	38.935	ng		99
29) 2,4-Dichlorophenol	10.46	162	108373	40.632	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	133902	39.832	ng		98
31) Naphthalene	10.84	128	329220	39.837	ng		99
32) Benzoic acid	10.17	122	49782	34.464	ng		95
33) 4-Chloroaniline	10.96	127	131159	38.717	ng		98
34) Hexachlorobutadiene	11.13	225	96106	38.674	ng		94
35) Caprolactam	11.74	113	34091	37.112	ng		97
36) 4-Chloro-3-methylphenol	12.10	107	114049	39.201	ng		90
37) 2-Methylnaphthalene	12.45	142	248334	39.163	ng		95
38) 1-Methylnaphthalene	12.67	142	233865	38.762	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	171754	40.307	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	149128	66.623	ng		100
43) 2,4,6-Trichlorophenol	13.07	196	96849	38.594	ng		93
44) 2,4,5-Trichlorophenol	13.15	196	102235	40.298	ng		97
46) 1,1'-Biphenyl	13.45	154	353850	40.398	ng		97
47) 2-Chloronaphthalene	13.50	162	268340	40.264	ng		96
48) 2-Nitroaniline	13.71	65	82771	41.554	ng		97
49) Acenaphthylene	14.35	152	410824	39.607	ng		99
50) Dimethylphthalate	14.08	163	346489	38.851	ng		99
51) 2,6-Dinitrotoluene	14.20	165	76000	39.226	ng		93
52) Acenaphthene	14.69	154	251376	39.740	ng		98
53) 3-Nitroaniline	14.54	138	71616	38.285	ng		94
54) 2,4-Dinitrophenol	14.75	184	48960	44.066	ng		89
55) Dibenzofuran	15.02	168	406897	39.667	ng		97
56) 4-Nitrophenol	14.89	139	40636	32.417	ng		95
57) 2,4-Dinitrotoluene	14.99	165	108008	39.008	ng	#	97
58) Fluorene	15.67	166	338517	39.347	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	99175	36.794	ng		97
60) Diethylphthalate	15.43	149	339363	37.871	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	196266	39.105	ng		98
62) 4-Nitroaniline	15.70	138	77276	40.001	ng		94
63) Azobenzene	15.96	77	279425	38.529	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	61302	39.968	ng		90
66) n-Nitrosodiphenylamine	15.88	169	290593	39.493	ng		96
67) 4-Bromophenyl-phenylether	16.56	248	138958	39.619	ng		98
68) Hexachlorobenzene	16.68	284	156317	38.827	ng		93
69) Atrazine	16.83	200	99116	38.766	ng		97
70) Pentachlorophenol	17.03	266	94731	51.638	ng		96
71) Phenanthrene	17.41	178	519865	38.954	ng		98
72) Anthracene	17.50	178	524931	39.313	ng		99
73) Carbazole	17.78	167	469304	38.812	ng		99
74) Di-n-butylphthalate	18.32	149	573172	39.066	ng		99
75) Fluoranthene	19.42	202	674341	38.758	ng		97
77) Benzidine	19.61	184	121443	21.774	ng		99
78) Pyrene	19.78	202	681595	39.733	ng		99
80) Butylbenzylphthalate	20.66	149	264771	40.739	ng		98
81) Benzo(a)anthracene	21.61	228	710474	40.927	ng		100
82) 3,3'-Dichlorobenzidine	21.53	252	269506	40.139	ng		97
83) Chrysene	21.68	228	686677	39.812	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	379271	41.082	ng		97
85) Di-n-octyl phthalate	22.70	149	653519	41.724	ng		99
86) Indeno(1,2,3-cd)pyrene	28.44	276	887824	41.007	ng	#	94
88) Benzo(b)fluoranthene	23.81	252	735439	39.494	ng		100
89) Benzo(k)fluoranthene	23.87	252	753379	40.188	ng		100
90) Benzo(a)pyrene	24.66	252	712542	40.071	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	736644	40.501	ng		99
92) Benzo(g,h,i)perylene	29.57	276	712587	39.718	ng		99

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

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