Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043047.D
Acq On : 5 Oct 2019 9:47
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 05 10:27:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	77754	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	297969	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	201783	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	468731	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	514963	20.00	ng		-0.02
87) Perylene-d12	24.92	264	614850	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	352837	80.98	ng		-0.01
7) Phenol-d6	7.24	99	490151	78.12	ng		0.00
23) Nitrobenzene-d5	9.22	82	468786	76.47	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	286182	82.48	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1122016	80.61	ng		-0.02
79) Terphenyl-d14	20.03	244	1971871	81.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	67908	37.384	ng		90
3) Pyridine	3.96	79	200399	39.224	ng		88
4) n-Nitrosodimethylamine	3.87	42	89679	36.501	ng	#	83
6) Aniline	7.39	93	288596	38.105	ng		98
8) 2-Chlorophenol	7.64	128	184507	40.608	ng		99
9) Benzaldehyde	7.20	77	140301	36.594	ng		91
10) Phenol	7.26	94	224142	38.938	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	169079	37.962	ng		96
12) 1,3-Dichlorobenzene	7.95	146	233023	40.202	ng		98
13) 1,4-Dichlorobenzene	8.10	146	234623	40.605	ng		99
14) 1,2-Dichlorobenzene	8.42	146	220112	40.012	ng		95
15) Benzyl Alcohol	8.31	79	182199	38.625	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	266159	31.117	ng		96
17) 2-Methylphenol	8.51	107	152709	37.914	ng		97
18) Hexachloroethane	9.15	117	83741	38.481	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	146403	35.536	ng		92
20) 3+4-Methylphenols	8.84	107	215937	39.121	ng		96
22) Acetophenone	8.88	105	302963	39.445	ng	#	97
24) Nitrobenzene	9.26	77	224638	38.416	ng		99
25) Isophorone	9.79	82	400087	37.154	ng		99
26) 2-Nitrophenol	9.97	139	104408	41.943	ng		99
27) 2,4-Dimethylphenol	10.04	122	150522	39.375	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	229792	37.612	ng		99
29) 2,4-Dichlorophenol	10.51	162	195542	41.129	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	245087	39.918	ng		98
31) Naphthalene	10.91	128	566554	38.625	ng		98
32) Benzoic acid	10.19	122	116299	40.481	ng		95
33) 4-Chloroaniline	11.02	127	248951	39.114	ng		96
34) Hexachlorobutadiene	11.20	225	178399	38.806	ng		98
35) Caprolactam	11.80	113	63525	37.888	ng	#	76
36) 4-Chloro-3-methylphenol	12.14	107	198125	38.326	ng		99
37) 2-Methylnaphthalene	12.51	142	427848	38.236	ng		96
38) 1-Methylnaphthalene	12.74	142	402543	38.018	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	306146	40.352	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	204482	42.301	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	182436	41.083	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	187324	40.949	ng		99
46) 1,1'-Biphenyl	13.52	154	615735	40.239	ng		98
47) 2-Chloronaphthalene	13.56	162	460187	40.111	ng		97
48) 2-Nitroaniline	13.76	65	151278	39.651	ng		91
49) Acenaphthylene	14.40	152	702823	40.035	ng		97
50) Dimethylphthalate	14.13	163	584906	38.687	ng		99
51) 2,6-Dinitrotoluene	14.25	165	131108	40.721	ng		88
52) Acenaphthene	14.74	154	436128	37.116	ng		97
53) 3-Nitroaniline	14.59	138	131344	39.474	ng		98
54) 2,4-Dinitrophenol	14.79	184	73356	36.654	ng		94
55) Dibenzofuran	15.08	168	680301	39.138	ng		98
56) 4-Nitrophenol	14.90	139	100242	39.540	ng		92
57) 2,4-Dinitrotoluene	15.04	165	186220	39.496	ng		94
58) Fluorene	15.73	166	568542	38.311	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	188850	38.773	ng	#	99
60) Diethylphthalate	15.50	149	581646	37.802	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	341466	38.366	ng		97
62) 4-Nitroaniline	15.75	138	145770	40.169	ng		97
63) Azobenzene	16.01	77	503356	35.933	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	105377	39.729	ng		94
66) n-Nitrosodiphenylamine	15.93	169	501825	40.555	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	241592	41.066	ng		97
68) Hexachlorobenzene	16.74	284	277760	42.404	ng		96
69) Atrazine	16.88	200	196041	37.624	ng		96
70) Pentachlorophenol	17.08	266	150894	39.922	ng		98
71) Phenanthrene	17.47	178	906671	39.621	ng		98
72) Anthracene	17.56	178	908881	39.785	ng		99
73) Carbazole	17.83	167	838046	39.559	ng		99
74) Di-n-butylphthalate	18.38	149	1000413	39.580	ng		99
75) Fluoranthene	19.47	202	1180189	38.992	ng		99
77) Benzidine	19.65	184	468989	36.372	ng		98
78) Pyrene	19.83	202	1194148	38.852	ng		99
80) Butylbenzylphthalate	20.72	149	477073	40.892	ng		95
81) Benzo(a)anthracene	21.68	228	1278375	39.841	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	509625	40.495	ng		99
83) Chrysene	21.74	228	1235764	39.687	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	690390	41.587	ng		97
85) Di-n-octyl phthalate	22.79	149	1144794	42.172	ng		97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1634295	42.160	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	1399337	40.223	ng		99
89) Benzo(k)fluoranthene	23.96	252	1311129	38.096	ng		99
90) Benzo(a)pyrene	24.76	252	1299594	39.594	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1355119	40.262	ng		97
92) Benzo(g,h,i)perylene	29.73	276	1319116	40.450	ng		96

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

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