Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042777.D
Acq On : 12 Sep 2019 11:10
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Sep 12 12:44:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78966	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	316674	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	213861	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	504846	20.00	ng	0.00
76) Chrysene-d12	21.77	240	504706	20.00	ng	0.00
87) Perylene-d12	25.04	264	570983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	445668	97.12	ng	0.00
7) Phenol-d6	7.27	99	641529	98.28	ng	0.00
23) Nitrobenzene-d5	9.28	82	603766	115.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	282584	104.37	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1330044	98.27	ng	0.00
79) Terphenyl-d14	20.09	244	2217015	97.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	101225	48.497	ng	99
3) Pyridine	3.99	79	309150	49.030	ng	99
4) n-Nitrosodimethylamine	3.90	42	152235	49.092	ng	97
6) Aniline	7.44	93	427904	48.130	ng	100
8) 2-Chlorophenol	7.69	128	237562	48.905	ng	98
9) Benzaldehyde	7.26	77	189911	46.971	ng	95
10) Phenol	7.29	94	323132	48.728	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	246495	48.098	ng	97
12) 1,3-Dichlorobenzene	8.02	146	290573	48.438	ng	99
13) 1,4-Dichlorobenzene	8.16	146	292495	48.837	ng	94
14) 1,2-Dichlorobenzene	8.48	146	271902	47.831	ng	99
15) Benzyl Alcohol	8.35	79	270482	48.330	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	546153	47.423	ng	97
17) 2-Methylphenol	8.55	107	215576	47.806	ng	99
18) Hexachloroethane	9.22	117	107254	48.920	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	228984	47.705	ng	97
20) 3+4-Methylphenols	8.88	107	301069	48.980	ng	96
22) Acetophenone	8.95	105	383198	47.665	ng	97
24) Nitrobenzene	9.32	77	319350	56.473	ng	96
25) Isophorone	9.85	82	618350	48.980	ng	99
26) 2-Nitrophenol	10.04	139	125540	61.498	ng	93
27) 2,4-Dimethylphenol	10.09	122	223475	50.801	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	340522	48.111	ng	98
29) 2,4-Dichlorophenol	10.57	162	253409	50.334	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	307678	49.212	ng	99
31) Naphthalene	10.98	128	763627	49.285	ng	99
32) Benzoic acid	10.22	122	175931	61.572	ng	99
33) 4-Chloroaniline	11.08	127	355733	48.399	ng	98
34) Hexachlorobutadiene	11.28	225	212599	48.461	ng	96
35) Caprolactam	11.85	113	95040	50.187	ng	97
36) 4-Chloro-3-methylphenol	12.19	107	273470	49.894	ng	95
37) 2-Methylnaphthalene	12.58	142	573579	49.193	ng	99
38) 1-Methylnaphthalene	12.80	142	538235	49.392	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	346175	48.853	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	203426	49.614	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	233329	52.243	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	236019	51.000	ng		98
46) 1,1'-Biphenyl	13.58	154	741442	49.904	ng		99
47) 2-Chloronaphthalene	13.62	162	610454	49.547	ng		97
48) 2-Nitroaniline	13.81	65	220495	62.837	ng		96
49) Acenaphthylene	14.46	152	931473	49.041	ng		98
50) Dimethylphthalate	14.19	163	793061	49.657	ng		99
51) 2,6-Dinitrotoluene	14.30	165	167281	61.015	ng		96
52) Acenaphthene	14.81	154	610856	50.293	ng		99
53) 3-Nitroaniline	14.63	138	185298	58.122	ng		94
54) 2,4-Dinitrophenol	14.83	184	81961	61.074	ng		89
55) Dibenzofuran	15.14	168	908133	49.491	ng		98
56) 4-Nitrophenol	14.92	139	146217	57.639	ng		97
57) 2,4-Dinitrotoluene	15.09	165	226328	65.122	ng	#	98
58) Fluorene	15.78	166	751317	49.429	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	236912	52.740	ng		99
60) Diethylphthalate	15.56	149	798807	49.158	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	443603	49.452	ng		97
62) 4-Nitroaniline	15.79	138	199004	54.777	ng		96
63) Azobenzene	16.07	77	769861	49.102	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	107931	62.096	ng		90
66) n-Nitrosodiphenylamine	15.99	169	670386	49.067	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	300059	49.080	ng		98
68) Hexachlorobenzene	16.80	284	320437	49.546	ng		97
69) Atrazine	16.94	200	204751	46.690	ng		98
70) Pentachlorophenol	17.13	266	197810	54.361	ng		97
71) Phenanthrene	17.52	178	1196561	49.311	ng		100
72) Anthracene	17.62	178	1196195	49.276	ng		100
73) Carbazole	17.88	167	1141755	49.055	ng		98
74) Di-n-butylphthalate	18.45	149	1375572	49.358	ng		99
75) Fluoranthene	19.53	202	1552234	48.279	ng		99
77) Benzidine	19.70	184	675359	45.064	ng		98
78) Pyrene	19.89	202	1548655	49.183	ng		98
80) Butylbenzylphthalate	20.78	149	625965	49.834	ng		99
81) Benzo(a)anthracene	21.75	228	1558438	48.454	ng		97
82) 3,3'-Dichlorobenzidine	21.65	252	616217	49.195	ng		98
83) Chrysene	21.81	228	1476017	48.313	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	857063	48.966	ng		98
85) Di-n-octyl phthalate	22.91	149	1472421	49.875	ng		99
86) Indeno(1,2,3-cd)pyrene	28.79	276	1833624	48.841	ng	#	93
88) Benzo(b)fluoranthene	24.00	252	1614179	48.325	ng		98
89) Benzo(k)fluoranthene	24.08	252	1537709	48.214	ng		98
90) Benzo(a)pyrene	24.89	252	1513064	48.020	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	1489850	48.476	ng		98
92) Benzo(g,h,i)perylene	29.96	276	1456942	48.396	ng		98

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

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