Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
Data File : BG042920.D
Acq On : 23 Sep 2019 19:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 24 01:21:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 06:01:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	63774	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	251304	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	180671	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	423565	20.00	ng		0.00
76) Chrysene-d12	21.72	240	467572	20.00	ng		0.00
87) Perylene-d12	24.95	264	549093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	282634	76.84	ng		0.00
7) Phenol-d6	7.25	99	405351	76.33	ng		0.00
23) Nitrobenzene-d5	9.25	82	402945	78.22	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	233737	82.03	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	981196	79.68	ng		0.00
79) Terphenyl-d14	20.05	244	1816346	79.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	56775	37.140	ng		98
3) Pyridine	3.97	79	162550	36.530	ng		94
4) n-Nitrosodimethylamine	3.88	42	80075	38.824	ng		99
6) Aniline	7.41	93	239776	37.028	ng		95
8) 2-Chlorophenol	7.65	128	144975	38.490	ng		94
9) Benzaldehyde	7.22	77	134457	40.677	ng		96
10) Phenol	7.28	94	184141	37.201	ng		99
11) bis(2-Chloroethyl)ether	7.50	93	141906	36.775	ng		97
12) 1,3-Dichlorobenzene	7.97	146	185197	38.954	ng		96
13) 1,4-Dichlorobenzene	8.12	146	183856	38.464	ng		98
14) 1,2-Dichlorobenzene	8.43	146	175806	38.751	ng		94
15) Benzyl Alcohol	8.32	79	149517	37.444	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	269931	36.000	ng		99
17) 2-Methylphenol	8.53	107	125011	36.566	ng		97
18) Hexachloroethane	9.17	117	68317	39.007	ng		90
19) n-Nitroso-di-n-propylamine	8.89	70	130476	36.838	ng		99
20) 3+4-Methylphenols	8.86	107	177906	37.897	ng		97
22) Acetophenone	8.90	105	277295	42.295	ng	#	98
24) Nitrobenzene	9.29	77	196337	39.339	ng		98
25) Isophorone	9.81	82	349241	37.945	ng		97
26) 2-Nitrophenol	10.00	139	82783	40.234	ng		96
27) 2,4-Dimethylphenol	10.06	122	126298	39.297	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	202066	38.041	ng		98
29) 2,4-Dichlorophenol	10.53	162	157309	40.178	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	202627	40.480	ng		98
31) Naphthalene	10.94	128	481986	39.236	ng		98
32) Benzoic acid	10.21	122	112789	43.134	ng		98
33) 4-Chloroaniline	11.04	127	214979	39.298	ng		97
34) Hexachlorobutadiene	11.23	225	149808	41.470	ng		96
35) Caprolactam	11.82	113	53729	38.043	ng		90
36) 4-Chloro-3-methylphenol	12.17	107	170722	39.378	ng		97
37) 2-Methylnaphthalene	12.54	142	369418	39.543	ng		97
38) 1-Methylnaphthalene	12.75	142	352366	39.923	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	307153	45.931	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	168678	41.145	ng		94
43) 2,4,6-Trichlorophenol	13.14	196	155710	39.802	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	162927	40.350	ng	#	89
46) 1,1'-Biphenyl	13.53	154	591019	42.920	ng		97
47) 2-Chloronaphthalene	13.58	162	402373	38.747	ng		98
48) 2-Nitroaniline	13.78	65	136896	39.289	ng		97
49) Acenaphthylene	14.42	152	617516	39.309	ng		100
50) Dimethylphthalate	14.16	163	517128	39.114	ng		99
51) 2,6-Dinitrotoluene	14.27	165	111513	39.598	ng		91
52) Acenaphthene	14.76	154	422462	40.630	ng		99
53) 3-Nitroaniline	14.60	138	115462	39.009	ng		98
54) 2,4-Dinitrophenol	14.80	184	68472	41.267	ng		98
55) Dibenzofuran	15.10	168	616990	40.001	ng		99
56) 4-Nitrophenol	14.92	139	92526	41.043	ng		95
57) 2,4-Dinitrotoluene	15.06	165	161960	40.523	ng		95
58) Fluorene	15.74	166	512672	39.314	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	169251	40.991	ng		98
60) Diethylphthalate	15.51	149	519124	38.915	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	305862	39.614	ng		98
62) 4-Nitroaniline	15.77	138	128576	40.120	ng		98
63) Azobenzene	16.03	77	485254	37.855	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	91975	41.001	ng		97
66) n-Nitrosodiphenylamine	15.95	169	444613	39.050	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	210010	40.301	ng		97
68) Hexachlorobenzene	16.75	284	233003	40.531	ng		96
69) Atrazine	16.90	200	188760	40.180	ng		98
70) Pentachlorophenol	17.10	266	134293	40.638	ng		97
71) Phenanthrene	17.48	178	824452	40.074	ng		97
72) Anthracene	17.58	178	824481	40.287	ng		99
73) Carbazole	17.84	167	762301	39.954	ng		98
74) Di-n-butylphthalate	18.41	149	895749	40.326	ng		99
75) Fluoranthene	19.49	202	1072181	41.131	ng		99
77) Benzidine	19.67	184	516814	39.818	ng		97
78) Pyrene	19.85	202	1097477	39.356	ng		99
80) Butylbenzylphthalate	20.74	149	416203	38.650	ng		96
81) Benzo(a)anthracene	21.70	228	1152442	40.021	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	460893	40.184	ng		97
83) Chrysene	21.77	228	1123036	40.330	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	599846	39.386	ng		98
85) Di-n-octyl phthalate	22.83	149	1007877	39.995	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1418833	40.869	ng	#	95
88) Benzo(b)fluoranthene	23.92	252	1207819	38.629	ng		99
89) Benzo(k)fluoranthene	23.99	252	1203819	39.852	ng		99
90) Benzo(a)pyrene	24.80	252	1155598	39.242	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	1188908	39.759	ng	#	98
92) Benzo(g,h,i)perylene	29.79	276	1139635	39.403	ng		99

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

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