Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043020.D
Acq On : 4 Oct 2019 1:43
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 04 02:18:37 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	8.07	152	75637	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	300060	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	207416	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	470273	20.00	ng		0.00
76) Chrysene-d12	21.70	240	511490	20.00	ng		-0.01
87) Perylene-d12	24.93	264	602173	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	342083	80.71	ng		0.00
7) Phenol-d6	7.24	99	485793	79.59	ng		0.00
23) Nitrobenzene-d5	9.23	82	472980	76.62	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	285109	79.94	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1140267	79.70	ng		-0.01
79) Terphenyl-d14	20.04	244	1960025	81.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	65886	37.286	ng		91
3) Pyridine	3.96	79	191826	38.596	ng		94
4) n-Nitrosodimethylamine	3.87	42	91300	38.200	ng		87
6) Aniline	7.40	93	284853	38.663	ng		98
8) 2-Chlorophenol	7.63	128	178862	40.467	ng		99
9) Benzaldehyde	7.21	77	140098	37.564	ng		91
10) Phenol	7.26	94	225451	40.262	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	171150	39.503	ng		96
12) 1,3-Dichlorobenzene	7.96	146	219083	38.855	ng		97
13) 1,4-Dichlorobenzene	8.11	146	227181	40.418	ng		98
14) 1,2-Dichlorobenzene	8.42	146	213263	39.852	ng		95
15) Benzyl Alcohol	8.31	79	179751	39.173	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	284864	34.236	ng		99
17) 2-Methylphenol	8.51	107	154588	39.455	ng		98
18) Hexachloroethane	9.16	117	85580	40.427	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	150694	37.602	ng		93
20) 3+4-Methylphenols	8.84	107	209423	39.003	ng		97
22) Acetophenone	8.89	105	296953	38.393	ng	#	96
24) Nitrobenzene	9.27	77	227404	38.618	ng		99
25) Isophorone	9.79	82	397910	36.695	ng		98
26) 2-Nitrophenol	9.99	139	103647	41.348	ng		94
27) 2,4-Dimethylphenol	10.04	122	153434	39.857	ng		93
28) bis(2-Chloroethoxy)methane	10.27	93	234226	38.071	ng		98
29) 2,4-Dichlorophenol	10.52	162	194447	40.613	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	244204	39.497	ng		98
31) Naphthalene	10.92	128	578078	39.136	ng		98
32) Benzoic acid	10.20	122	117710	40.652	ng		92
33) 4-Chloroaniline	11.03	127	247987	38.691	ng		99
34) Hexachlorobutadiene	11.21	225	180824	39.060	ng		98
35) Caprolactam	11.81	113	61906	36.665	ng	#	82
36) 4-Chloro-3-methylphenol	12.15	107	197921	38.020	ng		99
37) 2-Methylnaphthalene	12.52	142	430859	38.236	ng		97
38) 1-Methylnaphthalene	12.74	142	409929	38.446	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	306294	39.275	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	186717	37.577 ng		94
43) 2,4,6-Trichlorophenol	13.12	196	183855	40.278 ng		94
44) 2,4,5-Trichlorophenol	13.20	196	186682	39.701 ng		99
46) 1,1'-Biphenyl	13.52	154	610111	38.788 ng		99
47) 2-Chloronaphthalene	13.56	162	468506	39.728 ng		100
48) 2-Nitroaniline	13.77	65	150410	38.353 ng		93
49) Acenaphthylene	14.41	152	708998	39.290 ng		98
50) Dimethylphthalate	14.14	163	578804	37.244 ng		99
51) 2,6-Dinitrotoluene	14.26	165	127883	38.641 ng		93
52) Acenaphthene	14.75	154	478187	39.590 ng		99
53) 3-Nitroaniline	14.59	138	131282	38.384 ng		96
54) 2,4-Dinitrophenol	14.79	184	67838	32.977 ng		97
55) Dibenzofuran	15.09	168	686870	38.443 ng		99
56) 4-Nitrophenol	14.90	139	98531	37.809 ng		97
57) 2,4-Dinitrotoluene	15.04	165	185717	38.320 ng		94
58) Fluorene	15.73	166	579059	37.960 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	191794	38.308 ng		98
60) Diethylphthalate	15.50	149	580162	36.682 ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	347758	38.012 ng		99
62) 4-Nitroaniline	15.75	138	142810	38.285 ng		94
63) Azobenzene	16.02	77	519547	36.081 ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	97966	36.814 ng		92
66) n-Nitrosodiphenylamine	15.94	169	504319	40.623 ng		98
67) 4-Bromophenyl-phenylether	16.62	248	236406	40.053 ng		97
68) Hexachlorobenzene	16.74	284	270228	41.119 ng		98
69) Atrazine	16.88	200	192357	36.796 ng		96
70) Pentachlorophenol	17.08	266	151875	40.050 ng		99
71) Phenanthrene	17.47	178	904079	39.378 ng		98
72) Anthracene	17.56	178	902232	39.364 ng		100
73) Carbazole	17.83	167	823759	38.757 ng		99
74) Di-n-butylphthalate	18.39	149	990627	39.064 ng		99
75) Fluoranthene	19.48	202	1166032	38.398 ng		99
77) Benzidine	19.66	184	522514	40.798 ng		99
78) Pyrene	19.84	202	1184309	38.793 ng		99
80) Butylbenzylphthalate	20.73	149	469555	40.521 ng		98
81) Benzo(a)anthracene	21.68	228	1257820	39.467 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	510184	40.815 ng		99
83) Chrysene	21.75	228	1222363	39.523 ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	676872	41.050 ng		99
85) Di-n-octyl phthalate	22.80	149	1133822	42.051 ng		97
86) Indeno(1,2,3-cd)pyrene	28.60	276	1602313	41.616 ng	#	98
88) Benzo(b)fluoranthene	23.90	252	1328910	39.002 ng		99
89) Benzo(k)fluoranthene	23.97	252	1331172	39.492 ng		98
90) Benzo(a)pyrene	24.77	252	1275121	39.666 ng		98
91) Dibenzo(a,h)anthracene	28.66	278	1323551	40.152 ng		99
92) Benzo(g,h,i)perylene	29.74	276	1276553	39.969 ng		97

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

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