Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042955.D
Acq On : 1 Oct 2019 00:02
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 01 07:12:18 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	53796	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	214008	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	160352	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	402810	20.00	ng		0.00
76) Chrysene-d12	21.70	240	456088	20.00	ng		-0.01
87) Perylene-d12	24.93	264	527085	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	233982	77.62	ng		0.00
7) Phenol-d6	7.24	99	331824	76.44	ng		0.00
23) Nitrobenzene-d5	9.23	82	346277	78.65	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	227390	82.47	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	885278	80.04	ng		0.00
79) Terphenyl-d14	20.04	244	1819443	85.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	49123	39.086	ng		95
3) Pyridine	3.95	79	128112	36.242	ng		96
4) n-Nitrosodimethylamine	3.86	42	72159	42.449	ng	#	98
6) Aniline	7.40	93	196662	37.530	ng		95
8) 2-Chlorophenol	7.64	128	121888	38.773	ng		94
9) Benzaldehyde	7.21	77	95162	35.875	ng		98
10) Phenol	7.27	94	155675	39.088	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	116237	37.721	ng		96
12) 1,3-Dichlorobenzene	7.97	146	155867	38.867	ng		97
13) 1,4-Dichlorobenzene	8.11	146	156526	39.153	ng		96
14) 1,2-Dichlorobenzene	8.43	146	147306	38.703	ng		96
15) Benzyl Alcohol	8.31	79	125845	38.559	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	226767	38.319	ng		99
17) 2-Methylphenol	8.52	107	106252	38.128	ng	#	94
18) Hexachloroethane	9.16	117	56327	37.411	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	107222	37.617	ng		94
20) 3+4-Methylphenols	8.84	107	145948	38.217	ng		97
22) Acetophenone	8.89	105	212028	38.436	ng	#	96
24) Nitrobenzene	9.28	77	162412	38.672	ng		98
25) Isophorone	9.80	82	297345	38.446	ng		99
26) 2-Nitrophenol	9.99	139	71422	39.949	ng		91
27) 2,4-Dimethylphenol	10.05	122	107699	39.226	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	167046	38.069	ng		97
29) 2,4-Dichlorophenol	10.52	162	137600	40.296	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	175920	39.894	ng		98
31) Naphthalene	10.93	128	410251	38.942	ng		99
32) Benzoic acid	10.17	122	61827	31.511	ng	#	81
33) 4-Chloroaniline	11.03	127	183371	40.113	ng		97
34) Hexachlorobutadiene	11.21	225	130958	39.663	ng		97
35) Caprolactam	11.80	113	48999	40.690	ng	#	86
36) 4-Chloro-3-methylphenol	12.15	107	149237	40.195	ng		97
37) 2-Methylnaphthalene	12.52	142	322943	40.183	ng		97
38) 1-Methylnaphthalene	12.74	142	303879	39.960	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	233083	38.660	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	144102	37.512 ng	93
43) 2,4,6-Trichlorophenol	13.13	196	138590	39.273 ng	93
44) 2,4,5-Trichlorophenol	13.20	196	144966	39.878 ng	94
46) 1,1'-Biphenyl	13.52	154	462143	38.004 ng	99
47) 2-Chloronaphthalene	13.57	162	358481	39.320 ng	99
48) 2-Nitroaniline	13.77	65	121219	39.982 ng	97
49) Acenaphthylene	14.41	152	547312	39.232 ng	100
50) Dimethylphthalate	14.15	163	471220	39.221 ng	98
51) 2,6-Dinitrotoluene	14.26	165	102305	39.985 ng	99
52) Acenaphthene	14.75	154	362231	38.792 ng	99
53) 3-Nitroaniline	14.59	138	107450	40.637 ng	95
54) 2,4-Dinitrophenol	14.79	184	36367	22.867 ng	98
55) Dibenzofuran	15.09	168	549190	39.758 ng	99
56) 4-Nitrophenol	14.90	139	79771	39.595 ng	94
57) 2,4-Dinitrotoluene	15.05	165	151577	40.455 ng	97
58) Fluorene	15.73	166	469984	39.852 ng	95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	160129	41.370 ng	99
60) Diethylphthalate	15.50	149	484335	39.611 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	280921	39.719 ng	96
62) 4-Nitroaniline	15.76	138	117448	40.727 ng	93
63) Azobenzene	16.02	77	436055	39.171 ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	69976	30.700 ng	97
66) n-Nitrosodiphenylamine	15.94	169	412288	38.772 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	203473	40.247 ng	96
68) Hexachlorobenzene	16.74	284	224980	39.967 ng	94
69) Atrazine	16.88	200	174413	38.951 ng	97
70) Pentachlorophenol	17.08	266	152896	47.072 ng	99
71) Phenanthrene	17.48	178	781041	39.717 ng	98
72) Anthracene	17.57	178	786388	40.056 ng	99
73) Carbazole	17.84	167	734644	40.353 ng	99
74) Di-n-butylphthalate	18.39	149	882604	40.633 ng	99
75) Fluoranthene	19.48	202	1063254	40.877 ng	99
77) Benzidine	19.66	184	390860	34.226 ng	98
78) Pyrene	19.84	202	1087622	39.954 ng	100
80) Butylbenzylphthalate	20.73	149	410495	39.727 ng	97
81) Benzo(a)anthracene	21.68	228	1135861	39.969 ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	441997	39.655 ng	100
83) Chrysene	21.75	228	1100029	39.888 ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	575042	39.111 ng	99
85) Di-n-octyl phthalate	22.81	149	953833	39.673 ng	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	1383007	40.283 ng	99
88) Benzo(b)fluoranthene	23.91	252	1171559	39.283 ng	99
89) Benzo(k)fluoranthene	23.98	252	1184944	40.162 ng	99
90) Benzo(a)pyrene	24.77	252	1110124	39.453 ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1155287	40.041 ng	98
92) Benzo(g,h,i)perylene	29.75	276	1120425	40.078 ng	99

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

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