Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041480.D
Acq On : 27 Jun 2019 8:02
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 27 10:07:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 06:49:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20290	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	80478	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	60025	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	170519	20.00	ng		0.00
76) Chrysene-d12	21.70	240	195999	20.00	ng		0.00
87) Perylene-d12	24.98	264	207719	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	98387	86.45	ng		0.00
7) Phenol-d6	7.18	99	137968	86.12	ng		0.00
23) Nitrobenzene-d5	9.21	82	163758	84.87	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	84946	82.88	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	385350	82.38	ng		0.00
79) Terphenyl-d14	20.02	244	765894	83.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	22844	44.343	ng		98
3) Pyridine	3.82	79	60048	45.940	ng	#	94
4) n-Nitrosodimethylamine	3.75	42	32092	44.122	ng		93
6) Aniline	7.35	93	88744	42.973	ng		100
8) 2-Chlorophenol	7.59	128	54263	42.515	ng		96
9) Benzaldehyde	7.17	77	40364	41.719	ng		95
10) Phenol	7.21	94	70064	43.393	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	52907	41.318	ng		94
12) 1,3-Dichlorobenzene	7.91	146	69418	42.044	ng		97
13) 1,4-Dichlorobenzene	8.06	146	71311	42.844	ng		95
14) 1,2-Dichlorobenzene	8.38	146	67582	42.408	ng		97
15) Benzyl Alcohol	8.28	79	56343	44.161	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	75098	41.764	ng		97
17) 2-Methylphenol	8.47	107	48068	40.896	ng		93
18) Hexachloroethane	9.11	117	28615	43.571	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	50366	42.147	ng		97
20) 3+4-Methylphenols	8.81	107	70986	45.313	ng		96
22) Acetophenone	8.86	105	99127	41.063	ng	#	98
24) Nitrobenzene	9.25	77	79813	41.208	ng		99
25) Isophorone	9.77	82	143959	41.554	ng		97
26) 2-Nitrophenol	9.97	139	31665	39.147	ng		92
27) 2,4-Dimethylphenol	10.02	122	44767	39.766	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	74946	40.911	ng		99
29) 2,4-Dichlorophenol	10.50	162	64134	42.177	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	79163	40.619	ng		97
31) Naphthalene	10.90	128	186822	41.976	ng		98
32) Benzoic acid	10.16	122	25586	41.855	ng		98
33) 4-Chloroaniline	11.02	127	77924	41.593	ng		96
34) Hexachlorobutadiene	11.16	225	65133	42.102	ng		97
35) Caprolactam	11.81	113	20521	43.221	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	68518	41.588	ng		98
37) 2-Methylnaphthalene	12.51	142	137954	41.956	ng		97
38) 1-Methylnaphthalene	12.72	142	130112	41.478	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	105011	39.730	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	53922	39.534 ng		92
43) 2,4,6-Trichlorophenol	13.11	196	64465	41.108 ng		93
44) 2,4,5-Trichlorophenol	13.19	196	63849	40.869 ng		98
46) 1,1'-Biphenyl	13.51	154	191661	40.449 ng		98
47) 2-Chloronaphthalene	13.56	162	165560	40.698 ng		96
48) 2-Nitroaniline	13.77	65	57703	41.844 ng		94
49) Acenaphthylene	14.40	152	250912	41.266 ng		100
50) Dimethylphthalate	14.13	163	229862	42.081 ng		99
51) 2,6-Dinitrotoluene	14.26	165	48386	41.741 ng		95
52) Acenaphthene	14.74	154	146721	40.691 ng		97
53) 3-Nitroaniline	14.60	138	47240	42.688 ng		97
54) 2,4-Dinitrophenol	14.81	184	26060	41.039 ng		97
55) Dibenzofuran	15.07	168	262543	41.825 ng		97
56) 4-Nitrophenol	14.91	139	28862	40.413 ng		95
57) 2,4-Dinitrotoluene	15.05	165	70587	41.974 ng		93
58) Fluorene	15.72	166	211559	42.364 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	70119	42.574 ng		98
60) Diethylphthalate	15.48	149	239888	42.904 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	137389	42.653 ng		99
62) 4-Nitroaniline	15.77	138	47787	44.308 ng		98
63) Azobenzene	16.00	77	202267	42.906 ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	44607	42.238 ng		98
66) n-Nitrosodiphenylamine	15.93	169	187755	40.007 ng		97
67) 4-Bromophenyl-phenylether	16.61	248	92290	39.606 ng		94
68) Hexachlorobenzene	16.72	284	101481	40.420 ng		98
69) Atrazine	16.87	200	79154	40.067 ng		97
70) Pentachlorophenol	17.07	266	47959	42.158 ng		90
71) Phenanthrene	17.47	178	390119	41.524 ng		99
72) Anthracene	17.56	178	390976	41.592 ng		99
73) Carbazole	17.84	167	344624	43.126 ng		98
74) Di-n-butylphthalate	18.36	149	436666	43.477 ng		99
75) Fluoranthene	19.48	202	548522	43.791 ng		99
77) Benzidine	19.66	184	205352	47.220 ng		99
78) Pyrene	19.84	202	554090	41.411 ng		99
80) Butylbenzylphthalate	20.70	149	206532	41.331 ng		96
81) Benzo(a)anthracene	21.68	228	566908	41.604 ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	197210	41.795 ng		95
83) Chrysene	21.75	228	548163	41.560 ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	286127	40.389 ng		99
85) Di-n-octyl phthalate	22.77	149	479039	39.959 ng		100
86) Indeno(1,2,3-cd)pyrene	28.76	276	639999	40.071 ng	#	96
88) Benzo(b)fluoranthene	23.93	252	541730	40.889 ng		100
89) Benzo(k)fluoranthene	24.00	252	545748	41.957 ng		99
90) Benzo(a)pyrene	24.83	252	519816	41.310 ng		100
91) Dibenzo(a,h)anthracene	28.82	278	524613	41.616 ng		98
92) Benzo(g,h,i)perylene	29.95	276	516529	41.210 ng		97

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

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