Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041676.D
Acq On : 17 Jul 2019 2:37
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 17 07:26:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102911	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	463053	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	285199	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	658430	20.00	ng		0.00
76) Chrysene-d12	21.65	240	612373	20.00	ng		0.00
87) Perylene-d12	24.85	264	712732	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	520689	82.71	ng		0.00
7) Phenol-d6	7.20	99	714484	84.38	ng		0.00
23) Nitrobenzene-d5	9.20	82	654070	85.90	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	269942	83.99	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1483956	80.57	ng		0.00
79) Terphenyl-d14	20.01	244	2149967	82.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	115145	38.512	ng		99
3) Pyridine	3.89	79	330814	41.450	ng		99
4) n-Nitrosodimethylamine	3.80	42	152375	41.343	ng		96
6) Aniline	7.37	93	474837	41.725	ng		97
8) 2-Chlorophenol	7.61	128	303376	42.568	ng		99
9) Benzaldehyde	7.18	77	232549	46.544	ng		95
10) Phenol	7.22	94	376524	42.206	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	301982	41.914	ng		98
12) 1,3-Dichlorobenzene	7.94	146	353107	41.524	ng		99
13) 1,4-Dichlorobenzene	8.09	146	353877	41.554	ng		99
14) 1,2-Dichlorobenzene	8.40	146	338033	42.101	ng		95
15) Benzyl Alcohol	8.28	79	282598	41.922	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	623415	41.758	ng		99
17) 2-Methylphenol	8.48	107	262217	42.503	ng		99
18) Hexachloroethane	9.14	117	129859	41.632	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	256380	41.426	ng		100
20) 3+4-Methylphenols	8.81	107	357039	42.231	ng		98
22) Acetophenone	8.87	105	453416	40.204	ng	#	98
24) Nitrobenzene	9.25	77	353967	42.616	ng		98
25) Isophorone	9.77	82	674775	40.472	ng		98
26) 2-Nitrophenol	9.96	139	165075	43.776	ng		99
27) 2,4-Dimethylphenol	10.02	122	262870	39.848	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	418977	40.772	ng		98
29) 2,4-Dichlorophenol	10.50	162	313682	41.706	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	355331	40.236	ng		98
31) Naphthalene	10.91	128	935786	41.049	ng		98
32) Benzoic acid	10.14	122	158961	33.778	ng		97
33) 4-Chloroaniline	11.00	127	424205	40.341	ng		99
34) Hexachlorobutadiene	11.20	225	231023	40.702	ng		99
35) Caprolactam	11.77	113	112119	40.557	ng		96
36) 4-Chloro-3-methylphenol	12.12	107	323189	41.017	ng		98
37) 2-Methylnaphthalene	12.51	142	712759	40.923	ng		100
38) 1-Methylnaphthalene	12.72	142	672703	40.513	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	398993	40.842	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	205523	37.191	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	268298	42.268	ng		100
44) 2,4,5-Trichlorophenol	13.17	196	278664	41.667	ng		98
46) 1,1'-Biphenyl	13.51	154	864730	40.471	ng		98
47) 2-Chloronaphthalene	13.55	162	721346	40.508	ng		100
48) 2-Nitroaniline	13.73	65	229675	44.299	ng		98
49) Acenaphthylene	14.39	152	1132083	40.724	ng		99
50) Dimethylphthalate	14.12	163	908188	40.546	ng		99
51) 2,6-Dinitrotoluene	14.23	165	206638	43.492	ng		96
52) Acenaphthene	14.73	154	686896	39.210	ng		99
53) 3-Nitroaniline	14.56	138	223087	43.013	ng		97
54) 2,4-Dinitrophenol	14.76	184	36249	21.367	ng	#	13
55) Dibenzofuran	15.07	168	1072106	40.783	ng		97
56) 4-Nitrophenol	14.85	139	176133	41.946	ng		99
57) 2,4-Dinitrotoluene	15.01	165	280954	44.735	ng		99
58) Fluorene	15.71	166	861797	40.289	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	260108	42.128	ng		100
60) Diethylphthalate	15.48	149	906382	40.167	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	489114	40.452	ng		99
62) 4-Nitroaniline	15.71	138	235281	42.774	ng		99
63) Azobenzene	16.00	77	827960	40.584	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	80875	28.951	ng		95
66) n-Nitrosodiphenylamine	15.91	169	792640	40.994	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	329000	41.994	ng		98
68) Hexachlorobenzene	16.71	284	326407	41.374	ng		97
69) Atrazine	16.85	200	275912	39.321	ng		98
70) Pentachlorophenol	17.05	266	173842	35.242	ng		98
71) Phenanthrene	17.45	178	1384951	41.767	ng		97
72) Anthracene	17.54	178	1375933	41.629	ng		96
73) Carbazole	17.80	167	1271982	41.495	ng		98
74) Di-n-butylphthalate	18.37	149	1508011	40.335	ng		98
75) Fluoranthene	19.44	202	1653850	40.619	ng		96
77) Benzidine	19.62	184	878310	40.965	ng		99
78) Pyrene	19.81	202	1654642	39.951	ng		95
80) Butylbenzylphthalate	20.70	149	722362	41.972	ng		96
81) Benzo(a)anthracene	21.64	228	1624918	41.069	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	632686	40.636	ng		98
83) Chrysene	21.70	228	1558941	41.235	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	995328	40.960	ng		97
85) Di-n-octyl phthalate	22.78	149	1709037	41.299	ng		98
86) Indeno(1,2,3-cd)pyrene	28.50	276	2041039	40.915	ng	#	92
88) Benzo(b)fluoranthene	23.84	252	1795390	41.529	ng		99
89) Benzo(k)fluoranthene	23.91	252	1659710	41.431	ng		97
90) Benzo(a)pyrene	24.70	252	1681359	41.105	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	1639929	41.350	ng		97
92) Benzo(g,h,i)perylene	29.64	276	1634432	41.124	ng		100

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

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