Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040797.D
Acq On : 8 May 2019 20:55
Operator : HP/JU
Sample : K2641-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-050719-AMS

Quant Time: May 09 04:59:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41524	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	160450	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	126710	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	348033	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	346522	20.00	ng		-0.02
87) Perylene-d12	25.15	264	345443	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	396567	168.35	ng		0.00
7) Phenol-d6	7.28	99	545498	150.40	ng		-0.01
23) Nitrobenzene-d5	9.32	82	431423	124.24	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	348433	200.06	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	911296	103.87	ng		-0.02
79) Terphenyl-d14	20.11	244	1877287	120.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	51735	48.292	ng	#	37
3) Pyridine	3.96	79	133704	43.058	ng		98
4) n-Nitrosodimethylamine	3.87	42	86547	50.250	ng	#	95
6) Aniline	7.46	93	67531	14.047	ng		97
8) 2-Chlorophenol	7.70	128	154588	53.745	ng		94
9) Benzaldehyde	7.28	77	90699	42.383	ng		99
10) Phenol	7.31	94	189645	48.642	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	147635	50.497	ng		97
12) 1,3-Dichlorobenzene	8.03	146	149018	47.466	ng		97
13) 1,4-Dichlorobenzene	8.18	146	150901	47.415	ng		98
14) 1,2-Dichlorobenzene	8.50	146	145845	47.518	ng		99
15) Benzyl Alcohol	8.38	79	192281	50.950	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	250595	43.051	ng		98
17) 2-Methylphenol	8.57	107	148055	53.660	ng		96
18) Hexachloroethane	9.23	117	58130	44.526	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	144690	44.316	ng		95
20) 3+4-Methylphenols	8.90	107	200001	52.033	ng		98
22) Acetophenone	8.97	105	265090	59.414	ng	#	97
24) Nitrobenzene	9.36	77	229719	62.003	ng		98
25) Isophorone	9.88	82	417279	53.947	ng		99
26) 2-Nitrophenol	10.07	139	89455	67.358	ng		96
27) 2,4-Dimethylphenol	10.11	122	167608	67.264	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	210764	54.310	ng		98
29) 2,4-Dichlorophenol	10.60	162	188517	66.547	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	184537	58.742	ng		97
31) Naphthalene	11.02	128	476062	55.848	ng		100
32) Benzoic acid	10.21	122	68591	40.210	ng		94
33) 4-Chloroaniline	11.13	127	15458	4.090	ng	#	85
34) Hexachlorobutadiene	11.28	225	132275	57.034	ng		99
35) Caprolactam	11.91	113	57053	51.011	ng		92
36) 4-Chloro-3-methylphenol	12.22	107	226740	63.447	ng		99
37) 2-Methylnaphthalene	12.61	142	371008	58.212	ng		99
38) 1-Methylnaphthalene	12.83	142	358085	57.481	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	259782	55.035	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	264430	94.936	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	179525	62.936	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	199979	64.356	ng		95
46) 1,1'-Biphenyl	13.61	154	518015	52.655	ng		98
47) 2-Chloronaphthalene	13.66	162	422033	54.816	ng		98
48) 2-Nitroaniline	13.86	65	180789	65.968	ng		97
49) Acenaphthylene	14.50	152	679482	52.018	ng		99
50) Dimethylphthalate	14.22	163	612041	57.731	ng		99
51) 2,6-Dinitrotoluene	14.35	165	134744	65.122	ng		95
52) Acenaphthene	14.84	154	401950	52.839	ng		96
53) 3-Nitroaniline	14.68	138	47609	22.457	ng	#	93
54) 2,4-Dinitrophenol	14.88	184	50004	46.107	ng		95
55) Dibenzofuran	15.17	168	702268	56.363	ng		98
56) 4-Nitrophenol	14.97	139	174710	95.039	ng		91
57) 2,4-Dinitrotoluene	15.13	165	199746	71.044	ng		94
58) Fluorene	15.81	166	570350	56.634	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	209890	67.109	ng		96
60) Diethylphthalate	15.57	149	636196	56.877	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	349034	59.591	ng		98
62) 4-Nitroaniline	15.84	138	136870	57.714	ng		97
63) Azobenzene	16.10	77	607466	52.734	ng		96
65) 4,6-Dinitro-2-methylphenol	15.88	198	61730	37.773	ng		95
66) n-Nitrosodiphenylamine	16.02	169	538232	52.564	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	238739	55.060	ng		95
68) Hexachlorobenzene	16.81	284	247889	55.290	ng		98
69) Atrazine	16.96	200	240776	59.350	ng		99
70) Pentachlorophenol	17.15	266	239450	91.269	ng		98
71) Phenanthrene	17.56	178	1019292	54.374	ng		98
72) Anthracene	17.65	178	1047786	55.607	ng		98
73) Carbazole	17.92	167	925743	53.925	ng		99
74) Di-n-butylphthalate	18.45	149	1106184	53.386	ng		99
75) Fluoranthene	19.56	202	1332368	57.035	ng		99
77) Benzidine	19.74	184	37440	3.946	ng		98
78) Pyrene	19.92	202	1325280	61.021	ng		98
80) Butylbenzylphthalate	20.79	149	509892	60.236	ng		95
81) Benzo(a)anthracene	21.78	228	1287762	58.801	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	151318	19.385	ng		99
83) Chrysene	21.85	228	1274910	61.211	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	710071	58.112	ng		95
85) Di-n-octyl phthalate	22.91	149	1202227	58.421	ng		96
86) Indeno(1,2,3-cd)pyrene	29.01	276	1269532	50.414	ng	#	92
88) Benzo(b)fluoranthene	24.08	252	1291022	61.158	ng		98
89) Benzo(k)fluoranthene	24.15	252	1287202	65.293	ng		96
90) Benzo(a)pyrene	25.00	252	1236871	61.900	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	848092	41.941	ng		99
92) Benzo(g,h,i)perylene	30.22	276	906361	45.037	ng		99

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

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