Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042555.D
Acq On : 29 Aug 2019 8:29
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 29 12:15:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36725	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	150294	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	110095	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	256162	20.00	ng		0.00
76) Chrysene-d12	21.69	240	264580	20.00	ng		0.00
87) Perylene-d12	24.93	264	320609	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	148460	81.87	ng		0.00
7) Phenol-d6	7.16	99	194028	79.21	ng		0.00
23) Nitrobenzene-d5	9.17	82	176319	81.07	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	129410	82.70	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	560974	86.18	ng		0.00
79) Terphenyl-d14	20.03	244	1023527	83.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	29977	39.614	ng		100
3) Pyridine	3.83	79	76284	39.313	ng		98
4) n-Nitrosodimethylamine	3.74	42	28713	41.430	ng		92
6) Aniline	7.32	93	125484	38.410	ng		98
8) 2-Chlorophenol	7.56	128	88120	40.098	ng		97
9) Benzaldehyde	7.13	77	47369	38.629	ng		95
10) Phenol	7.19	94	95978	38.539	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	75236	38.467	ng		97
12) 1,3-Dichlorobenzene	7.89	146	113805	40.708	ng		99
13) 1,4-Dichlorobenzene	8.03	146	115092	40.643	ng		99
14) 1,2-Dichlorobenzene	8.36	146	111108	40.971	ng		99
15) Benzyl Alcohol	8.24	79	70437	39.971	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99709	37.613	ng		100
17) 2-Methylphenol	8.45	107	72472	39.509	ng		97
18) Hexachloroethane	9.09	117	38386	39.596	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	60618	38.200	ng		95
20) 3+4-Methylphenols	8.78	107	97590	38.448	ng		99
22) Acetophenone	8.83	105	131497	40.907	ng	#	98
24) Nitrobenzene	9.21	77	86860	39.439	ng		99
25) Isophorone	9.73	82	166647	38.825	ng		99
26) 2-Nitrophenol	9.93	139	55284	40.056	ng		96
27) 2,4-Dimethylphenol	9.99	122	74954	39.425	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	106053	39.202	ng		99
29) 2,4-Dichlorophenol	10.47	162	101813	40.931	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	127043	41.611	ng		98
31) Naphthalene	10.87	128	281354	40.321	ng		99
32) Benzoic acid	10.14	122	41217	32.957	ng		96
33) 4-Chloroaniline	10.98	127	126438	39.253	ng		98
34) Hexachlorobutadiene	11.16	225	88178	42.974	ng		99
35) Caprolactam	11.75	113	30520	36.771	ng		96
36) 4-Chloro-3-methylphenol	12.11	107	91580	38.784	ng		97
37) 2-Methylnaphthalene	12.48	142	224244	40.023	ng		99
38) 1-Methylnaphthalene	12.70	142	213209	40.062	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	150742	42.636	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	72485	39.030	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	97633	40.854	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	97328	39.300	ng		96
46) 1,1'-Biphenyl	13.49	154	294527	41.386	ng		98
47) 2-Chloronaphthalene	13.53	162	255064	41.566	ng		99
48) 2-Nitroaniline	13.73	65	57882	39.116	ng		99
49) Acenaphthylene	14.38	152	380338	41.198	ng		99
50) Dimethylphthalate	14.11	163	326461	41.097	ng		99
51) 2,6-Dinitrotoluene	14.23	165	74616	40.524	ng		98
52) Acenaphthene	14.73	154	226083	40.330	ng		100
53) 3-Nitroaniline	14.56	138	72043	39.122	ng		100
54) 2,4-Dinitrophenol	14.78	184	36475	33.348	ng		99
55) Dibenzofuran	15.06	168	384666	41.454	ng		99
56) 4-Nitrophenol	14.88	139	49016	37.459	ng		95
57) 2,4-Dinitrotoluene	15.03	165	108018	40.967	ng		97
58) Fluorene	15.71	166	311479	41.064	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	99425	40.597	ng		93
60) Diethylphthalate	15.47	149	319059	41.087	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	189304	41.400	ng		100
62) 4-Nitroaniline	15.73	138	78434	39.797	ng		94
63) Azobenzene	15.99	77	208249	39.137	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	61765	38.458	ng		99
66) n-Nitrosodiphenylamine	15.91	169	283706	40.273	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	133221	41.001	ng		97
68) Hexachlorobenzene	16.72	284	144691	40.964	ng		99
69) Atrazine	16.86	200	88717	35.612	ng		98
70) Pentachlorophenol	17.07	266	65652	35.773	ng		100
71) Phenanthrene	17.45	178	528906	41.568	ng		98
72) Anthracene	17.55	178	527035	41.491	ng		99
73) Carbazole	17.82	167	461051	40.726	ng		99
74) Di-n-butylphthalate	18.37	149	553061	41.328	ng		100
75) Fluoranthene	19.47	202	677320	43.617	ng		96
77) Benzidine	19.64	184	254020	33.487	ng		97
78) Pyrene	19.83	202	675596	41.649	ng		98
80) Butylbenzylphthalate	20.71	149	250081	39.197	ng		98
81) Benzo(a)anthracene	21.67	228	666046	41.382	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	259548	40.096	ng		98
83) Chrysene	21.74	228	636405	41.000	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	356988	40.299	ng		97
85) Di-n-octyl phthalate	22.79	149	611360	40.126	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	841118	39.875	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	718980	40.791	ng		99
89) Benzo(k)fluoranthene	23.97	252	701441	41.402	ng		99
90) Benzo(a)pyrene	24.78	252	684576	40.930	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	682263	40.288	ng		99
92) Benzo(g,h,i)perylene	29.80	276	675586	39.888	ng		100

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

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