Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042536.D
Acq On : 28 Aug 2019 17:21
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 29 05:57:39 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	34329	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	147120	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	112511	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	261546	20.00	ng		0.00
76) Chrysene-d12	21.69	240	265969	20.00	ng		0.00
87) Perylene-d12	24.93	264	325647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	137595	81.18	ng		0.00
7) Phenol-d6	7.16	99	183879	80.31	ng		0.00
23) Nitrobenzene-d5	9.17	82	168927	79.35	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	130456	81.58	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	552772	83.09	ng		0.00
79) Terphenyl-d14	20.02	244	1038723	84.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	28565	40.382	ng		97
3) Pyridine	3.83	79	73360	40.445	ng		96
4) n-Nitrosodimethylamine	3.74	42	25731	39.718	ng		99
6) Aniline	7.32	93	119271	39.057	ng		98
8) 2-Chlorophenol	7.56	128	83678	40.734	ng		99
9) Benzaldehyde	7.13	77	44883	39.156	ng		93
10) Phenol	7.19	94	92748	39.842	ng		95
11) bis(2-Chloroethyl)ether	7.41	93	71550	39.136	ng		97
12) 1,3-Dichlorobenzene	7.89	146	107344	41.077	ng		99
13) 1,4-Dichlorobenzene	8.03	146	106112	40.087	ng		97
14) 1,2-Dichlorobenzene	8.36	146	102389	40.391	ng		98
15) Benzyl Alcohol	8.24	79	67002	40.676	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	95939	38.716	ng		98
17) 2-Methylphenol	8.45	107	69397	40.473	ng		96
18) Hexachloroethane	9.09	117	36684	40.482	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	59894	40.378	ng		94
20) 3+4-Methylphenols	8.78	107	92987	39.192	ng		98
22) Acetophenone	8.83	105	126645	40.248	ng	#	96
24) Nitrobenzene	9.21	77	85141	39.493	ng		99
25) Isophorone	9.74	82	164362	39.119	ng		99
26) 2-Nitrophenol	9.93	139	53444	39.558	ng		96
27) 2,4-Dimethylphenol	9.99	122	72660	39.043	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	104704	39.538	ng		99
29) 2,4-Dichlorophenol	10.47	162	98385	40.406	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	120846	40.435	ng		98
31) Naphthalene	10.87	128	271828	39.797	ng		99
32) Benzoic acid	10.14	122	43139	34.673	ng		92
33) 4-Chloroaniline	10.98	127	125058	39.662	ng		98
34) Hexachlorobutadiene	11.16	225	83180	41.412	ng		99
35) Caprolactam	11.76	113	31160	38.352	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	93735	40.553	ng		98
37) 2-Methylnaphthalene	12.48	142	222130	40.501	ng		100
38) 1-Methylnaphthalene	12.70	142	211351	40.570	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	146587	40.571	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71991	37.931 ng		99
43) 2,4,6-Trichlorophenol	13.09	196	96324	39.441 ng		96
44) 2,4,5-Trichlorophenol	13.17	196	99828	39.444 ng		97
46) 1,1'-Biphenyl	13.49	154	291206	40.040 ng		98
47) 2-Chloronaphthalene	13.53	162	249511	39.788 ng		100
48) 2-Nitroaniline	13.73	65	58273	38.535 ng		96
49) Acenaphthylene	14.38	152	380973	40.380 ng		99
50) Dimethylphthalate	14.11	163	330242	40.680 ng		99
51) 2,6-Dinitrotoluene	14.23	165	76704	40.763 ng		95
52) Acenaphthene	14.72	154	227975	39.794 ng		98
53) 3-Nitroaniline	14.57	138	72502	38.526 ng		97
54) 2,4-Dinitrophenol	14.78	184	38503	34.240 ng		94
55) Dibenzofuran	15.06	168	386950	40.805 ng		99
56) 4-Nitrophenol	14.88	139	50866	38.039 ng		96
57) 2,4-Dinitrotoluene	15.02	165	109176	40.517 ng		98
58) Fluorene	15.71	166	314351	40.552 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	101298	40.474 ng	#	94
60) Diethylphthalate	15.47	149	321737	40.542 ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	190705	40.811 ng		99
62) 4-Nitroaniline	15.73	138	80252	39.845 ng		98
63) Azobenzene	15.99	77	213179	39.203 ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	64353	39.245 ng		99
66) n-Nitrosodiphenylamine	15.91	169	287173	39.926 ng		99
67) 4-Bromophenyl-phenylether	16.59	248	133373	40.202 ng		99
68) Hexachlorobenzene	16.72	284	144171	39.976 ng		97
69) Atrazine	16.86	200	92460	36.351 ng		98
70) Pentachlorophenol	17.07	266	71494	38.154 ng		95
71) Phenanthrene	17.46	178	537525	41.375 ng		100
72) Anthracene	17.54	178	538584	41.528 ng		99
73) Carbazole	17.81	167	474821	41.079 ng		98
74) Di-n-butylphthalate	18.37	149	569994	41.716 ng		99
75) Fluoranthene	19.47	202	686719	43.312 ng		98
77) Benzidine	19.64	184	279497	36.653 ng		99
78) Pyrene	19.83	202	689794	42.302 ng		98
80) Butylbenzylphthalate	20.71	149	260763	40.657 ng		100
81) Benzo(a)anthracene	21.67	228	678763	41.952 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	258880	39.784 ng		99
83) Chrysene	21.73	228	644954	41.334 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	360338	40.465 ng		98
85) Di-n-octyl phthalate	22.79	149	627247	40.954 ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	852022	40.180 ng		98
88) Benzo(b)fluoranthene	23.90	252	726000	40.552 ng		99
89) Benzo(k)fluoranthene	23.97	252	724650	42.110 ng		98
90) Benzo(a)pyrene	24.78	252	698360	41.108 ng		99
91) Dibenzo(a,h)anthracene	28.70	278	692875	40.282 ng		99
92) Benzo(g,h,i)perylene	29.79	276	691927	40.220 ng		97

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

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