Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042324.D
Acq On : 19 Aug 2019 11:46
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Aug 19 13:20:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 11:30:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60711	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	255351	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	184081	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	402438	20.00	ng		0.00
76) Chrysene-d12	21.70	240	391807	20.00	ng		0.00
87) Perylene-d12	24.94	264	475733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	367134	117.66	ng		0.00
7) Phenol-d6	7.17	99	493844	117.39	ng		0.00
23) Nitrobenzene-d5	9.17	82	439624	118.48	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	301841	144.36	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1285550	123.17	ng		0.00
79) Terphenyl-d14	20.03	244	1958062	114.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	75212	51.210	ng		98
3) Pyridine	3.83	79	209392	51.991	ng		100
4) n-Nitrosodimethylamine	3.75	42	70940	44.433	ng		97
6) Aniline	7.32	93	327263	55.248	ng		99
8) 2-Chlorophenol	7.57	128	217435	60.853	ng		96
9) Benzaldehyde	7.14	77	121135	40.923	ng		97
10) Phenol	7.19	94	249003	56.895	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	199946	55.572	ng		98
12) 1,3-Dichlorobenzene	7.90	146	281810	60.429	ng		99
13) 1,4-Dichlorobenzene	8.05	146	280625	60.138	ng		99
14) 1,2-Dichlorobenzene	8.36	146	268249	60.245	ng		100
15) Benzyl Alcohol	8.25	79	173360	52.381	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	269474	42.098	ng		98
17) 2-Methylphenol	8.45	107	182728	57.410	ng		99
18) Hexachloroethane	9.10	117	95927	60.031	ng		100
19) n-Nitroso-di-n-propylamine	8.82	70	155449	50.897	ng		99
20) 3+4-Methylphenols	8.79	107	257043	59.015	ng		98
22) Acetophenone	8.83	105	324949	56.893	ng	#	97
24) Nitrobenzene	9.22	77	222219	56.846	ng		98
25) Isophorone	9.75	82	431337	53.437	ng		99
26) 2-Nitrophenol	9.93	139	140351	77.359	ng		98
27) 2,4-Dimethylphenol	10.00	122	193270	60.357	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	279792	55.468	ng		98
29) 2,4-Dichlorophenol	10.48	162	259177	66.465	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	310073	62.706	ng		100
31) Naphthalene	10.88	128	704853	60.312	ng		99
32) Benzoic acid	10.17	122	137356	69.542	ng		99
33) 4-Chloroaniline	10.98	127	328048	59.191	ng		99
34) Hexachlorobutadiene	11.17	225	208602	62.505	ng		97
35) Caprolactam	11.77	113	81499	60.140	ng		95
36) 4-Chloro-3-methylphenol	12.12	107	236289	61.120	ng		99
37) 2-Methylnaphthalene	12.49	142	562205	60.776	ng		98
38) 1-Methylnaphthalene	12.71	142	529477	60.399	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	357165	61.296	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	200223	61.117 ng	98
43) 2,4,6-Trichlorophenol	13.10	196	241534	65.583 ng	97
44) 2,4,5-Trichlorophenol	13.18	196	252284	65.919 ng	97
46) 1,1'-Biphenyl	13.50	154	720470	60.885 ng	98
47) 2-Chloronaphthalene	13.54	162	617594	61.301 ng	100
48) 2-Nitroaniline	13.74	65	148129	57.972 ng	99
49) Acenaphthylene	14.39	152	909474	60.349 ng	99
50) Dimethylphthalate	14.12	163	776410	61.758 ng	99
51) 2,6-Dinitrotoluene	14.24	165	185835	70.692 ng	98
52) Acenaphthene	14.73	154	561973	57.335 ng	99
53) 3-Nitroaniline	14.57	138	183393	65.210 ng	100
54) 2,4-Dinitrophenol	14.78	184	118650	94.513 ng	98
55) Dibenzofuran	15.07	168	901979	60.164 ng	99
56) 4-Nitrophenol	14.89	139	135508	63.476 ng	99
57) 2,4-Dinitrotoluene	15.03	165	258016	71.370 ng	98
58) Fluorene	15.71	166	735428	61.126 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	236865	62.489 ng	99
60) Diethylphthalate	15.48	149	744883	60.350 ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	443774	60.419 ng	99
62) 4-Nitroaniline	15.74	138	191802	62.965 ng	98
63) Azobenzene	16.00	77	525063	52.076 ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	155282	87.980 ng	96
66) n-Nitrosodiphenylamine	15.92	169	673521	61.441 ng	99
67) 4-Bromophenyl-phenylether	16.60	248	308516	62.235 ng	99
68) Hexachlorobenzene	16.73	284	329573	63.549 ng	99
69) Atrazine	16.87	200	233721	54.264 ng	99
70) Pentachlorophenol	17.07	266	189157	64.205 ng	98
71) Phenanthrene	17.46	178	1190870	61.735 ng	99
72) Anthracene	17.55	178	1186245	61.659 ng	98
73) Carbazole	17.82	167	1058904	61.324 ng	99
74) Di-n-butylphthalate	18.38	149	1234660	63.070 ng	99
75) Fluoranthene	19.47	202	1420768	60.594 ng	98
77) Benzidine	19.64	184	607511	47.504 ng	97
78) Pyrene	19.83	202	1411725	60.814 ng	98
80) Butylbenzylphthalate	20.71	149	571921	64.259 ng	98
81) Benzo(a)anthracene	21.68	228	1432231	61.785 ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	573079	61.574 ng	100
83) Chrysene	21.74	228	1357248	61.080 ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	798238	65.018 ng	99
85) Di-n-octyl phthalate	22.80	149	1384729	67.019 ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1881441	63.962 ng	100
88) Benzo(b)fluoranthene	23.92	252	1563232	60.067 ng	99
89) Benzo(k)fluoranthene	23.98	252	1525374	60.171 ng	98
90) Benzo(a)pyrene	24.79	252	1501237	60.147 ng	98
91) Dibenzo(a,h)anthracene	28.72	278	1506907	61.486 ng	99
92) Benzo(g,h,i)perylene	29.82	276	1516271	61.925 ng	99

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

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