Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041165.D
Acq On : 10 Jun 2019 16:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 11 04:28:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/14/2019 8:39:56 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48942	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	210144	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	148301	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	362213	20.00	ng		0.00
76) Chrysene-d12	21.76	240	357772	20.00	ng		0.00
87) Perylene-d12	25.09	264	393600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	241199	88.87	ng		0.00
7) Phenol-d6	7.25	99	372963	88.98	ng		0.00
23) Nitrobenzene-d5	9.29	82	418894	88.49	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	202935	92.17	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	954237	92.66	ng		0.00
79) Terphenyl-d14	20.08	244	1402530	83.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	47452	38.528	ng		96
3) Pyridine	3.92	79	143296	39.320	ng		99
4) n-Nitrosodimethylamine	3.83	42	73424	43.411	ng	#	93
6) Aniline	7.43	93	235110	42.021	ng		98
8) 2-Chlorophenol	7.66	128	140669	43.473	ng		95
9) Benzaldehyde	7.25	77	120625	48.240	ng		94
10) Phenol	7.28	94	192604	42.854	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	140305	43.032	ng		97
12) 1,3-Dichlorobenzene	7.99	146	169639	43.894	ng		98
13) 1,4-Dichlorobenzene	8.14	146	171058	43.727	ng		97
14) 1,2-Dichlorobenzene	8.46	146	166384	43.805	ng		95
15) Benzyl Alcohol	8.35	79	171336	44.187	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	221931	41.656	ng		97
17) 2-Methylphenol	8.54	107	135389	41.605	ng		95
18) Hexachloroethane	9.19	117	66888	44.363	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	136746	42.392	ng		99
20) 3+4-Methylphenols	8.87	107	191604	42.507	ng		98
22) Acetophenone	8.94	105	261738	44.401	ng		96
24) Nitrobenzene	9.33	77	213023	44.159	ng		98
25) Isophorone	9.84	82	383838	42.608	ng		99
26) 2-Nitrophenol	10.04	139	92705	46.616	ng	#	89
27) 2,4-Dimethylphenol	10.08	122	139245	42.395	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	209947	43.180	ng		100
29) 2,4-Dichlorophenol	10.57	162	177540	42.567	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	214793	45.270	ng		96
31) Naphthalene	10.98	128	492484	43.649	ng		98
32) Benzoic acid	10.23	122	104294m	42.050	ng		
33) 4-Chloroaniline	11.09	127	224146	42.816	ng		98
34) Hexachlorobutadiene	11.24	225	165308	45.534	ng		98
35) Caprolactam	11.90	113	55991	40.652	ng		96
36) 4-Chloro-3-methylphenol	12.19	107	197109	41.380	ng		99
37) 2-Methylnaphthalene	12.58	142	374412	43.086	ng		97
38) 1-Methylnaphthalene	12.58	142	374412	45.723	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	282320	47.232	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	138717	46.963 ng	98
43) 2,4,6-Trichlorophenol	13.18	196	175504	45.387 ng	95
44) 2,4,5-Trichlorophenol	13.25	196	176663	43.320 ng	99
46) 1,1'-Biphenyl	13.58	154	506003	46.094 ng	100
47) 2-Chloronaphthalene	13.62	162	433574	46.007 ng	98
48) 2-Nitroaniline	13.83	65	155406	45.966 ng	96
49) Acenaphthylene	14.46	152	625553	44.104 ng	99
50) Dimethylphthalate	14.19	163	551604	43.939 ng	99
51) 2,6-Dinitrotoluene	14.32	165	118920	43.935 ng	97
52) Acenaphthene	14.80	154	379678	44.188 ng	97
53) 3-Nitroaniline	14.65	138	120718	44.601 ng	100
54) 2,4-Dinitrophenol	14.86	184	50518	45.640 ng	95
55) Dibenzofuran	15.14	168	640738	44.317 ng	98
56) 4-Nitrophenol	14.94	139	81083	43.676 ng	89
57) 2,4-Dinitrotoluene	15.10	165	172499	45.116 ng	98
58) Fluorene	15.78	166	495227	43.010 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	174340	43.501 ng	99
60) Diethylphthalate	15.54	149	547851	42.763 ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	330163	44.116 ng	97
62) 4-Nitroaniline	15.81	138	127832	44.612 ng	94
63) Azobenzene	16.06	77	497390	42.716 ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	93719	48.234 ng	100
66) n-Nitrosodiphenylamine	15.98	169	449783	44.173 ng	98
67) 4-Bromophenyl-phenylether	16.67	248	212519	43.476 ng	95
68) Hexachlorobenzene	16.78	284	229371	44.066 ng	98
69) Atrazine	16.92	200	170139	43.305 ng	98
70) Pentachlorophenol	17.12	266	117459	44.139 ng	97
71) Phenanthrene	17.52	178	836290	44.325 ng	98
72) Anthracene	17.62	178	834125	44.826 ng	99
73) Carbazole	17.89	167	732613	45.884 ng	100
74) Di-n-butylphthalate	18.42	149	887623	44.729 ng	99
75) Fluoranthene	19.53	202	1066385	45.760 ng	99
77) Benzidine	19.71	184	442103	51.800 ng	97
78) Pyrene	19.89	202	1074024	46.180 ng	99
80) Butylbenzylphthalate	20.76	149	415759	45.936 ng	97
81) Benzo(a)anthracene	21.74	228	1078239	45.275 ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	390595	46.630 ng	99
83) Chrysene	21.81	228	1034708	45.401 ng	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	575962	45.205 ng	99
85) Di-n-octyl phthalate	22.85	149	960135	45.248 ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1195573	42.825 ng	98
88) Benzo(b)fluoranthene	24.02	252	1066669	44.681 ng	99
89) Benzo(k)fluoranthene	24.09	252	1039923	44.019 ng	99
90) Benzo(a)pyrene	24.93	252	1012656	44.460 ng	98
91) Dibenzo(a,h)anthracene	28.98	278	977683	42.958 ng	99
92) Benzo(g,h,i)perylene	30.10	276	911697	41.233 ng	99

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

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