Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042362.D
Acq On : 20 Aug 2019 17:50
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 21 04:28:52 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 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	63863	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	265850	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	191379	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	416165	20.00	ng	0.00
76) Chrysene-d12	21.69	240	390891	20.00	ng	0.00
87) Perylene-d12	24.93	264	468296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	261955	83.11	ng	0.00
7) Phenol-d6	7.17	99	358267	83.69	ng	0.00
23) Nitrobenzene-d5	9.17	82	312665	82.72	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	203455	78.06	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	946052	83.65	ng	0.00
79) Terphenyl-d14	20.03	244	1468237	82.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	55309	40.689	ng	99
3) Pyridine	3.84	79	150779	43.304	ng	97
4) n-Nitrosodimethylamine	3.75	42	49661	41.427	ng	99
6) Aniline	7.32	93	232463	41.146	ng	99
8) 2-Chlorophenol	7.57	128	155404	40.556	ng	96
9) Benzaldehyde	7.14	77	77134	32.033	ng	100
10) Phenol	7.20	94	178936	41.114	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	139819	40.674	ng	97
12) 1,3-Dichlorobenzene	7.89	146	198211	40.643	ng	100
13) 1,4-Dichlorobenzene	8.04	146	196843	40.074	ng	97
14) 1,2-Dichlorobenzene	8.36	146	189028	40.325	ng	99
15) Benzyl Alcohol	8.25	79	123657	42.002	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	195329	41.205	ng	99
17) 2-Methylphenol	8.46	107	130569	40.574	ng	97
18) Hexachloroethane	9.10	117	67598	40.042	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	112627	40.904	ng	98
20) 3+4-Methylphenols	8.79	107	182973	41.098	ng	100
22) Acetophenone	8.83	105	232691	41.193	ng	98
24) Nitrobenzene	9.22	77	158107	41.051	ng	99
25) Isophorone	9.74	82	314435	41.601	ng	98
26) 2-Nitrophenol	9.93	139	99503	41.559	ng	97
27) 2,4-Dimethylphenol	10.00	122	140959	42.437	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	202823	41.659	ng	99
29) 2,4-Dichlorophenol	10.48	162	180675	40.909	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	218093	40.398	ng	98
31) Naphthalene	10.88	128	507748	41.214	ng	99
32) Benzoic acid	10.15	122	94256	40.491	ng	96
33) 4-Chloroaniline	10.98	127	230756	41.074	ng	99
34) Hexachlorobutadiene	11.17	225	144770	40.016	ng	96
35) Caprolactam	11.76	113	57780	41.048	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	167485	40.572	ng	97
37) 2-Methylnaphthalene	12.49	142	403539	40.861	ng	100
38) 1-Methylnaphthalene	12.71	142	383139	40.729	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	251401	40.754	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	143383	43.427 ng		96
43) 2,4,6-Trichlorophenol	13.10	196	172455	41.769 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	175873	41.358 ng		98
46) 1,1'-Biphenyl	13.49	154	518397	41.519 ng		99
47) 2-Chloronaphthalene	13.54	162	443828	41.696 ng		100
48) 2-Nitroaniline	13.74	65	104735	41.632 ng		97
49) Acenaphthylene	14.39	152	662025	41.372 ng		99
50) Dimethylphthalate	14.12	163	558896	41.099 ng		100
51) 2,6-Dinitrotoluene	14.23	165	128185	40.275 ng		98
52) Acenaphthene	14.73	154	399595	40.935 ng		98
53) 3-Nitroaniline	14.57	138	127442	40.723 ng		98
54) 2,4-Dinitrophenol	14.78	184	74216	39.652 ng		98
55) Dibenzofuran	15.06	168	655684	41.237 ng		99
56) 4-Nitrophenol	14.89	139	92234	40.853 ng		92
57) 2,4-Dinitrotoluene	15.03	165	181783	40.851 ng		98
58) Fluorene	15.71	166	523003	40.434 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	168247	40.738 ng		98
60) Diethylphthalate	15.48	149	537003	40.816 ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	315861	40.665 ng		98
62) 4-Nitroaniline	15.73	138	134389	40.637 ng		97
63) Azobenzene	16.00	77	377089	41.129 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	108136	42.586 ng		98
66) n-Nitrosodiphenylamine	15.92	169	481130	41.316 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	214039	40.415 ng		98
68) Hexachlorobenzene	16.72	284	229417	40.440 ng		95
69) Atrazine	16.86	200	155790	39.029 ng		99
70) Pentachlorophenol	17.07	266	126883	42.016 ng		99
71) Phenanthrene	17.46	178	858529	41.421 ng		99
72) Anthracene	17.55	178	851697	41.201 ng		99
73) Carbazole	17.82	167	746537	40.655 ng		100
74) Di-n-butylphthalate	18.37	149	882510	41.201 ng		99
75) Fluoranthene	19.47	202	1014544	40.592 ng		99
77) Benzidine	19.64	184	274035	26.441 ng		99
78) Pyrene	19.83	202	1026891	42.694 ng		100
80) Butylbenzylphthalate	20.71	149	400619	42.026 ng		97
81) Benzo(a)anthracene	21.67	228	996096	41.495 ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	375933	39.346 ng		100
83) Chrysene	21.74	228	960642	41.833 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	554090	41.688 ng		99
85) Di-n-octyl phthalate	22.80	149	957663	42.241 ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1247343	40.682 ng	#	96
88) Benzo(b)fluoranthene	23.91	252	1063531	41.318 ng		100
89) Benzo(k)fluoranthene	23.97	252	1054734	41.919 ng		100
90) Benzo(a)pyrene	24.79	252	1026027	41.600 ng		99
91) Dibenzo(a,h)anthracene	28.70	278	1011644	41.114 ng		98
92) Benzo(g,h,i)perylene	29.80	276	1006743	41.059 ng		99

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

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