Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042642.D
Acq On : 31 Aug 2019 21:37
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 01 00:11:35 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	57832	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	238891	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	177345	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	404868	20.00	ng	0.00
76) Chrysene-d12	21.69	240	409672	20.00	ng	0.00
87) Perylene-d12	24.92	264	501660	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	222651	77.97	ng	0.00
7) Phenol-d6	7.16	99	303051	78.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	278615	80.59	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	205891	81.68	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	871347	83.10	ng	0.00
79) Terphenyl-d14	20.02	244	1501690	79.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	43417	36.434	ng	99
3) Pyridine	3.82	79	114684	37.532	ng	98
4) n-Nitrosodimethylamine	3.74	42	47699	43.705	ng	94
6) Aniline	7.31	93	196619	38.219	ng	98
8) 2-Chlorophenol	7.56	128	138378	39.986	ng	98
9) Benzaldehyde	7.13	77	82200	42.568	ng	95
10) Phenol	7.19	94	151109	38.531	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	118063	38.333	ng	99
12) 1,3-Dichlorobenzene	7.88	146	177402	40.297	ng	99
13) 1,4-Dichlorobenzene	8.03	146	181499	40.701	ng	98
14) 1,2-Dichlorobenzene	8.35	146	174049	40.757	ng	99
15) Benzyl Alcohol	8.24	79	112070	40.386	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	153804	36.844	ng	99
17) 2-Methylphenol	8.45	107	114326	39.579	ng	94
18) Hexachloroethane	9.08	117	60854	39.862	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	95618	38.265	ng	93
20) 3+4-Methylphenols	8.78	107	155453	38.892	ng	96
22) Acetophenone	8.82	105	205922	40.302	ng	97
24) Nitrobenzene	9.21	77	138810	39.652	ng	99
25) Isophorone	9.74	82	261326	38.304	ng	99
26) 2-Nitrophenol	9.92	139	90314	41.169	ng	96
27) 2,4-Dimethylphenol	9.99	122	121087	40.070	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	164733	38.310	ng	98
29) 2,4-Dichlorophenol	10.47	162	165023	41.739	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	206918	42.638	ng	99
31) Naphthalene	10.87	128	442374	39.885	ng	100
32) Benzoic acid	10.18	122	75729	36.822	ng	97
33) 4-Chloroaniline	10.98	127	200551	39.170	ng	99
34) Hexachlorobutadiene	11.16	225	144421	44.281	ng	99
35) Caprolactam	11.78	113	49097	37.215	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	146858	39.128	ng	98
37) 2-Methylnaphthalene	12.48	142	358487	40.254	ng	99
38) 1-Methylnaphthalene	12.70	142	337619	39.911	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	244800	42.984	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	139292	46.561 ng		99
43) 2,4,6-Trichlorophenol	13.09	196	157936	41.027 ng		96
44) 2,4,5-Trichlorophenol	13.17	196	160195	40.157 ng		98
46) 1,1'-Biphenyl	13.49	154	463173	40.403 ng		98
47) 2-Chloronaphthalene	13.53	162	400741	40.541 ng		98
48) 2-Nitroaniline	13.74	65	92129	38.651 ng		98
49) Acenaphthylene	14.38	152	588908	39.600 ng		99
50) Dimethylphthalate	14.11	163	512089	40.019 ng		100
51) 2,6-Dinitrotoluene	14.23	165	119545	40.305 ng		96
52) Acenaphthene	14.72	154	356299	39.457 ng		99
53) 3-Nitroaniline	14.57	138	114991	38.765 ng		94
54) 2,4-Dinitrophenol	14.78	184	66824	37.068 ng		99
55) Dibenzofuran	15.05	168	601583	40.247 ng		99
56) 4-Nitrophenol	14.89	139	77510	36.773 ng		93
57) 2,4-Dinitrotoluene	15.02	165	171393	40.353 ng		98
58) Fluorene	15.71	166	490431	40.138 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	157048	39.809 ng		94
60) Diethylphthalate	15.47	149	490556	39.217 ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	303266	41.174 ng		100
62) 4-Nitroaniline	15.73	138	125199	39.436 ng		93
63) Azobenzene	15.99	77	322644	37.642 ng		94
65) 4,6-Dinitro-2-methylphenol	15.80	198	102922	40.547 ng		97
66) n-Nitrosodiphenylamine	15.91	169	446841	40.132 ng		99
67) 4-Bromophenyl-phenylether	16.59	248	214311	41.731 ng		97
68) Hexachlorobenzene	16.72	284	230566	41.300 ng		97
69) Atrazine	16.86	200	134923	34.267 ng		98
70) Pentachlorophenol	17.07	266	111654	38.493 ng		97
71) Phenanthrene	17.45	178	809196	40.237 ng		99
72) Anthracene	17.54	178	815295	40.610 ng		99
73) Carbazole	17.81	167	712446	39.817 ng		99
74) Di-n-butylphthalate	18.37	149	841573	39.789 ng		99
75) Fluoranthene	19.47	202	1026656	41.830 ng		98
77) Benzidine	19.64	184	471701	40.160 ng		99
78) Pyrene	19.82	202	1015635	40.437 ng		100
80) Butylbenzylphthalate	20.71	149	393101	39.792 ng		96
81) Benzo(a)anthracene	21.67	228	1028027	41.251 ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	414703	41.376 ng		97
83) Chrysene	21.73	228	990492	41.212 ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	546213	39.822 ng		100
85) Di-n-octyl phthalate	22.78	149	945641	40.085 ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1342209	41.094 ng	#	97
88) Benzo(b)fluoranthene	23.90	252	1125719	40.817 ng		99
89) Benzo(k)fluoranthene	23.97	252	1097961	41.417 ng		98
90) Benzo(a)pyrene	24.78	252	1078891	41.225 ng		99
91) Dibenzo(a,h)anthracene	28.70	278	1082363	40.847 ng		98
92) Benzo(g,h,i)perylene	29.81	276	1086369	40.992 ng		97

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

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