Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041806.D
Acq On : 30 Jul 2019 17:53
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 31 01:19:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	85909	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	386495	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	285477	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	652335	20.00	ng		0.00
76) Chrysene-d12	21.74	240	637634	20.00	ng		0.00
87) Perylene-d12	25.01	264	751410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	361232	81.81	ng		0.00
7) Phenol-d6	7.19	99	498214	83.69	ng		0.00
23) Nitrobenzene-d5	9.21	82	474426	84.47	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	283008	87.28	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1295926	80.06	ng		0.00
79) Terphenyl-d14	20.07	244	2118668	76.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	78579	37.810	ng		92
3) Pyridine	3.87	79	225555	39.577	ng		89
4) n-Nitrosodimethylamine	3.78	42	88261	39.067	ng		91
6) Aniline	7.36	93	340664	40.642	ng		98
8) 2-Chlorophenol	7.60	128	213737	42.273	ng		92
9) Benzaldehyde	7.17	77	167838	40.070	ng		93
10) Phenol	7.22	94	261219	42.180	ng		100
11) bis(2-Chloroethyl)ether	7.46	93	206140	40.489	ng		93
12) 1,3-Dichlorobenzene	7.93	146	268389	40.671	ng		96
13) 1,4-Dichlorobenzene	8.08	146	266843	40.412	ng		98
14) 1,2-Dichlorobenzene	8.40	146	256405	40.695	ng		94
15) Benzyl Alcohol	8.27	79	195079	41.655	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	365025	40.299	ng		96
17) 2-Methylphenol	8.48	107	187074	41.536	ng		97
18) Hexachloroethane	9.14	117	94480	41.783	ng		88
19) n-Nitroso-di-n-propylamine	8.86	70	179436	41.519	ng		90
20) 3+4-Methylphenols	8.81	107	259138	42.045	ng		98
22) Acetophenone	8.87	105	336798	38.959	ng	#	93
24) Nitrobenzene	9.25	77	243996	41.238	ng		95
25) Isophorone	9.78	82	481372	39.400	ng		98
26) 2-Nitrophenol	9.97	139	126471	46.055	ng		96
27) 2,4-Dimethylphenol	10.03	122	196734	40.592	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	300434	39.350	ng		98
29) 2,4-Dichlorophenol	10.51	162	247704	41.969	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	296999	39.682	ng		98
31) Naphthalene	10.92	128	702512	39.715	ng		98
32) Benzoic acid	10.17	122	124713	38.198	ng		94
33) 4-Chloroaniline	11.02	127	331125	39.473	ng		96
34) Hexachlorobutadiene	11.22	225	200461	39.685	ng		99
35) Caprolactam	11.79	113	87908	42.858	ng	#	82
36) 4-Chloro-3-methylphenol	12.14	107	245553	41.964	ng		95
37) 2-Methylnaphthalene	12.53	142	560520	40.033	ng		99
38) 1-Methylnaphthalene	12.75	142	537813	40.533	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	356434	39.444	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	202654	39.888	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	236615	41.428	ng		100
44) 2,4,5-Trichlorophenol	13.20	196	249784	42.085	ng		95
46) 1,1'-Biphenyl	13.53	154	727925	39.666	ng		96
47) 2-Chloronaphthalene	13.57	162	616086	39.432	ng		99
48) 2-Nitroaniline	13.77	65	179068	45.189	ng		90
49) Acenaphthylene	14.43	152	941193	40.271	ng		98
50) Dimethylphthalate	14.15	163	817225	41.916	ng		99
51) 2,6-Dinitrotoluene	14.26	165	185531	45.509	ng		89
52) Acenaphthene	14.77	154	608843	40.054	ng		99
53) 3-Nitroaniline	14.59	138	192198	44.067	ng	#	95
54) 2,4-Dinitrophenol	14.80	184	92853	45.365	ng		93
55) Dibenzofuran	15.10	168	941786	40.507	ng		96
56) 4-Nitrophenol	14.90	139	148037	44.715	ng		93
57) 2,4-Dinitrotoluene	15.05	165	265532	47.361	ng		88
58) Fluorene	15.75	166	752588	40.335	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	251886	42.849	ng	#	92
60) Diethylphthalate	15.52	149	796015	41.586	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	460509	40.429	ng		96
62) 4-Nitroaniline	15.76	138	208145	44.060	ng		94
63) Azobenzene	16.04	77	621966	39.777	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	139063	44.190	ng		86
66) n-Nitrosodiphenylamine	15.95	169	706136	39.739	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	318127	39.590	ng		96
68) Hexachlorobenzene	16.76	284	335848	39.951	ng		93
69) Atrazine	16.91	200	289523	41.469	ng		99
70) Pentachlorophenol	17.10	266	202660	42.437	ng		98
71) Phenanthrene	17.49	178	1259670	40.286	ng		96
72) Anthracene	17.59	178	1269293	40.702	ng		96
73) Carbazole	17.85	167	1132376	40.457	ng		96
74) Di-n-butylphthalate	18.42	149	1336064	42.105	ng	#	96
75) Fluoranthene	19.50	202	1565994	41.203	ng		93
77) Benzidine	19.68	184	819701	39.385	ng		99
78) Pyrene	19.87	202	1545213	40.902	ng		94
80) Butylbenzylphthalate	20.75	149	617542	42.635	ng		91
81) Benzo(a)anthracene	21.72	228	1524130	40.401	ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	610019	40.274	ng		97
83) Chrysene	21.79	228	1465328	40.521	ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	839755	42.030	ng		98
85) Di-n-octyl phthalate	22.88	149	1447359	43.044	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	1920742	40.123	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1665452	40.517	ng	#	95
89) Benzo(k)fluoranthene	24.04	252	1595974	39.859	ng	#	95
90) Benzo(a)pyrene	24.86	252	1592072	40.384	ng	#	96
91) Dibenzo(a,h)anthracene	28.83	278	1547161	39.968	ng		96
92) Benzo(g,h,i)perylene	29.93	276	1529011	39.536	ng	#	95

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

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