Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043956.D
Acq On : 7 Jan 2020 15:44
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 07 16:41:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137097	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	593389	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	388879	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	818505	20.00	ng	0.00
76) Chrysene-d12	21.59	240	683750	20.00	ng	0.00
87) Perylene-d12	24.71	264	800103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	627579	84.05	ng	0.00
7) Phenol-d6	7.13	99	897178	85.96	ng	0.00
23) Nitrobenzene-d5	9.11	82	844293	76.12	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	344948	84.76	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1780897	82.97	ng	0.00
79) Terphenyl-d14	19.95	244	2315962	80.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	131732	40.463	ng	98
3) Pyridine	3.83	79	401505	41.747	ng	94
4) n-Nitrosodimethylamine	3.74	42	169267	39.530	ng	97
6) Aniline	7.28	93	551768	40.250	ng	99
8) 2-Chlorophenol	7.53	128	361522	41.243	ng	97
9) Benzaldehyde	7.09	77	239290	35.822	ng	99
10) Phenol	7.15	94	452267	42.058	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	365272	39.351	ng	99
12) 1,3-Dichlorobenzene	7.85	146	412185	40.183	ng	100
13) 1,4-Dichlorobenzene	8.00	146	414019	40.907	ng	99
14) 1,2-Dichlorobenzene	8.31	146	392061	40.358	ng	100
15) Benzyl Alcohol	8.20	79	332566	40.374	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	548059	38.163	ng	99
17) 2-Methylphenol	8.40	107	321381	41.299	ng	98
18) Hexachloroethane	9.05	117	158604	40.273	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	305923	39.359	ng	98
20) 3+4-Methylphenols	8.73	107	454022	41.823	ng	99
22) Acetophenone	8.78	105	575671	39.023	ng	99
24) Nitrobenzene	9.16	77	425819	38.760	ng	100
25) Isophorone	9.68	82	805896	38.726	ng	99
26) 2-Nitrophenol	9.87	139	214821	41.330	ng	97
27) 2,4-Dimethylphenol	9.94	122	309154	39.513	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	534713	38.541	ng	99
29) 2,4-Dichlorophenol	10.41	162	383125	41.052	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	413075	39.475	ng	99
31) Naphthalene	10.81	128	1160617	40.419	ng	99
32) Benzoic acid	10.08	122	161764	28.338	ng	88
33) 4-Chloroaniline	10.91	127	551033	40.233	ng	99
34) Hexachlorobutadiene	11.11	225	248212	38.850	ng	95
35) Caprolactam	11.69	113	142215	40.934	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	413972	41.667	ng	99
37) 2-Methylnaphthalene	12.42	142	880993	40.752	ng	97
38) 1-Methylnaphthalene	12.64	142	827394	40.382	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	450124	39.491	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	222535	37.659	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	315150	40.183	ng		97
44) 2,4,5-Trichlorophenol	13.10	196	328155	40.569	ng		99
46) 1,1'-Biphenyl	13.43	154	1127156	40.426	ng		99
47) 2-Chloronaphthalene	13.47	162	906843	40.250	ng		99
48) 2-Nitroaniline	13.66	65	297002	40.980	ng		100
49) Acenaphthylene	14.31	152	1329597	41.058	ng		99
50) Dimethylphthalate	14.05	163	1128286	40.862	ng		100
51) 2,6-Dinitrotoluene	14.16	165	255594	40.954	ng		98
52) Acenaphthene	14.66	154	926040	40.777	ng		97
53) 3-Nitroaniline	14.49	138	291919	41.190	ng		97
54) 2,4-Dinitrophenol	14.69	184	107447	36.961	ng		99
55) Dibenzofuran	14.99	168	1291788	41.321	ng		100
56) 4-Nitrophenol	14.80	139	220244	40.554	ng		97
57) 2,4-Dinitrotoluene	14.95	165	355177	41.825	ng		100
58) Fluorene	15.64	166	1026258	41.417	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	285386	41.030	ng		99
60) Diethylphthalate	15.41	149	1149337	41.617	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	551640	40.999	ng		98
62) 4-Nitroaniline	15.65	138	294330	42.055	ng		97
63) Azobenzene	15.92	77	1054955	41.190	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	161637	39.213	ng		100
66) n-Nitrosodiphenylamine	15.85	169	948187	39.337	ng		100
67) 4-Bromophenyl-phenylether	16.53	248	359141	39.013	ng		97
68) Hexachlorobenzene	16.65	284	390288	39.346	ng		98
69) Atrazine	16.79	200	309526	39.505	ng		99
70) Pentachlorophenol	16.99	266	202683	37.067	ng		97
71) Phenanthrene	17.37	178	1593778	40.596	ng		99
72) Anthracene	17.47	178	1573472	40.554	ng		100
73) Carbazole	17.73	167	1461770	40.786	ng		100
74) Di-n-butylphthalate	18.30	149	1822886	39.837	ng		100
75) Fluoranthene	19.38	202	1766775	39.350	ng		99
77) Benzidine	19.56	184	863942	50.269	ng		99
78) Pyrene	19.74	202	1762854	39.498	ng		99
80) Butylbenzylphthalate	20.64	149	882671	41.540	ng		98
81) Benzo(a)anthracene	21.57	228	1721476	40.603	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	667515	39.851	ng		99
83) Chrysene	21.63	228	1661922	41.253	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	1196572	40.813	ng		100
85) Di-n-octyl phthalate	22.67	149	2063543	41.866	ng		99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2154171	39.347	ng	#	90
88) Benzo(b)fluoranthene	23.73	252	1847696	39.063	ng		99
89) Benzo(k)fluoranthene	23.79	252	1808841	40.215	ng		99
90) Benzo(a)pyrene	24.57	252	1765936	39.557	ng		98
91) Dibenzo(a,h)anthracene	28.32	278	1724815	38.470	ng		98
92) Benzo(g,h,i)perylene	29.35	276	1668455	37.464	ng		99

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

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