Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044356.D
Acq On : 10 Feb 2020 13:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 10 16:13:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	80132	20.00	ng		0.00
21) Naphthalene-d8	10.70	136	364951	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	252062	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	555150	20.00	ng		0.00
76) Chrysene-d12	21.54	240	488097	20.00	ng		0.00
87) Perylene-d12	24.62	264	557151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	370967	81.70	ng		0.00
7) Phenol-d6	7.08	99	528389	86.66	ng		0.00
23) Nitrobenzene-d5	9.06	82	511756	79.17	ng		0.00
42) 2,4,6-Tribromophenol	16.03	330	246897	83.44	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	1197337	79.54	ng		0.00
79) Terphenyl-d14	19.90	244	1870830	78.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	75612	37.065	ng		99
3) Pyridine	3.76	79	237191	43.641	ng		98
4) n-Nitrosodimethylamine	3.68	42	89563	39.435	ng		98
6) Aniline	7.23	93	326397	43.128	ng		99
8) 2-Chlorophenol	7.47	128	211981	42.480	ng		98
9) Benzaldehyde	7.04	77	133876	38.553	ng		97
10) Phenol	7.10	94	262154	43.445	ng		98
11) bis(2-Chloroethyl)ether	7.32	93	220261	42.696	ng		97
12) 1,3-Dichlorobenzene	7.79	146	243795	40.919	ng		96
13) 1,4-Dichlorobenzene	7.94	146	245557	41.613	ng		100
14) 1,2-Dichlorobenzene	8.26	146	234056	41.963	ng		100
15) Benzyl Alcohol	8.14	79	189879	43.988	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	296805	42.508	ng		99
17) 2-Methylphenol	8.35	107	187967	43.660	ng		98
18) Hexachloroethane	8.99	117	90163	40.717	ng		100
19) n-Nitroso-di-n-propylamine	8.71	70	182645	44.948	ng		97
20) 3+4-Methylphenols	8.68	107	262318	44.211	ng		98
22) Acetophenone	8.72	105	352723	39.729	ng	#	99
24) Nitrobenzene	9.10	77	247418	39.206	ng		100
25) Isophorone	9.63	82	495488	41.124	ng		99
26) 2-Nitrophenol	9.81	139	133270	40.698	ng		100
27) 2,4-Dimethylphenol	9.88	122	186357	40.316	ng		98
28) bis(2-Chloroethoxy)methane	10.11	93	324707	40.399	ng		99
29) 2,4-Dichlorophenol	10.36	162	226043	40.442	ng		99
30) 1,2,4-Trichlorobenzene	10.57	180	251607	39.259	ng		99
31) Naphthalene	10.76	128	711633	40.191	ng		100
32) Benzoic acid	10.04	122	89296	34.841	ng		93
33) 4-Chloroaniline	10.86	127	333244	41.382	ng		99
34) Hexachlorobutadiene	11.05	225	150377	38.132	ng		100
35) Caprolactam	11.64	113	88577	43.262	ng		98
36) 4-Chloro-3-methylphenol	11.99	107	246022	41.983	ng		97
37) 2-Methylnaphthalene	12.36	142	542614	41.274	ng		98
38) 1-Methylnaphthalene	12.58	142	515563	41.597	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	291188	38.619	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	127125	35.138	ng		100
43) 2,4,6-Trichlorophenol	12.98	196	195917	40.199	ng		98
44) 2,4,5-Trichlorophenol	13.05	196	201919	40.563	ng		96
46) 1,1'-Biphenyl	13.38	154	721070	39.660	ng		99
47) 2-Chloronaphthalene	13.42	162	566100	39.128	ng		99
48) 2-Nitroaniline	13.62	65	170715	39.982	ng		99
49) Acenaphthylene	14.26	152	850853	40.096	ng		99
50) Dimethylphthalate	14.00	163	736534	40.650	ng		99
51) 2,6-Dinitrotoluene	14.12	165	164473	40.712	ng		97
52) Acenaphthene	14.61	154	549984	39.986	ng		98
53) 3-Nitroaniline	14.44	138	182778	40.894	ng		98
54) 2,4-Dinitrophenol	14.65	184	89950	41.619	ng		98
55) Dibenzofuran	14.94	168	843223	40.491	ng		99
56) 4-Nitrophenol	14.76	139	141475	43.212	ng		98
57) 2,4-Dinitrotoluene	14.90	165	231891	40.954	ng		99
58) Fluorene	15.59	166	672191	40.981	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	188167	41.848	ng		99
60) Diethylphthalate	15.37	149	742580	41.131	ng		99
61) 4-Chlorophenyl-phenylether	15.58	204	357765	40.228	ng		97
62) 4-Nitroaniline	15.61	138	186749	41.814	ng		99
63) Azobenzene	15.88	77	639578	40.420	ng		99
65) 4,6-Dinitro-2-methylphenol	15.67	198	127696	41.671	ng		99
66) n-Nitrosodiphenylamine	15.80	169	623921	40.104	ng		99
67) 4-Bromophenyl-phenylether	16.48	248	243616	40.278	ng		99
68) Hexachlorobenzene	16.60	284	271861	40.121	ng		99
69) Atrazine	16.75	200	211753	39.710	ng		99
70) Pentachlorophenol	16.95	266	137650	41.736	ng		98
71) Phenanthrene	17.33	178	1096570	40.792	ng		99
72) Anthracene	17.42	178	1093427	41.141	ng		99
73) Carbazole	17.69	167	1012929	41.342	ng		99
74) Di-n-butylphthalate	18.26	149	1256149	41.488	ng		100
75) Fluoranthene	19.34	202	1278350	41.107	ng		99
77) Benzidine	19.52	184	521742	38.537	ng		98
78) Pyrene	19.70	202	1281196	40.873	ng		99
80) Butylbenzylphthalate	20.60	149	575272	40.272	ng		98
81) Benzo(a)anthracene	21.51	228	1225214	40.729	ng		100
82) 3,3'-Dichlorobenzidine	21.44	252	482804	41.353	ng		99
83) Chrysene	21.58	228	1182380	40.664	ng		100
84) Bis(2-ethylhexyl)phthalate	21.44	149	788779	40.118	ng		100
85) Di-n-octyl phthalate	22.61	149	1377863	40.503	ng		99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1511712	39.850	ng	#	91
88) Benzo(b)fluoranthene	23.65	252	1293799	40.299	ng		100
89) Benzo(k)fluoranthene	23.71	252	1297058	41.452	ng		100
90) Benzo(a)pyrene	24.47	252	1246951	41.079	ng		99
91) Dibenzo(a,h)anthracene	28.18	278	1218688	40.567	ng		99
92) Benzo(g,h,i)perylene	29.20	276	1220330	40.578	ng		97

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

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