Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044386.D
Acq On : 11 Feb 2020 13:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 12 03:04:49 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	7.90	152	88774	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	365826	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	241368	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	538020	20.00	ng	0.00
76) Chrysene-d12	21.53	240	476586	20.00	ng	0.00
87) Perylene-d12	24.62	264	547904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	428771	85.24	ng	0.00
7) Phenol-d6	7.07	99	561226	83.09	ng	0.00
23) Nitrobenzene-d5	9.06	82	515064	79.49	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	238136	84.04	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1157696	80.32	ng	0.00
79) Terphenyl-d14	19.91	244	1762360	76.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	94098	41.636	ng	99
3) Pyridine	3.77	79	263608	43.780	ng	97
4) n-Nitrosodimethylamine	3.68	42	101291	40.257	ng	99
6) Aniline	7.23	93	343415	40.959	ng	99
8) 2-Chlorophenol	7.47	128	228347	41.305	ng	99
9) Benzaldehyde	7.04	77	150700	39.173	ng	97
10) Phenol	7.10	94	278073	41.597	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	230421	40.318	ng	99
12) 1,3-Dichlorobenzene	7.80	146	273004	41.361	ng	97
13) 1,4-Dichlorobenzene	7.94	146	269949	41.293	ng	98
14) 1,2-Dichlorobenzene	8.26	146	255444	41.340	ng	99
15) Benzyl Alcohol	8.14	79	195478	40.876	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	312101	40.347	ng	99
17) 2-Methylphenol	8.35	107	195784	41.049	ng	98
18) Hexachloroethane	8.99	117	101514	41.380	ng	100
19) n-Nitroso-di-n-propylamine	8.71	70	178876	39.735	ng	99
20) 3+4-Methylphenols	8.68	107	266473	40.539	ng	99
22) Acetophenone	8.72	105	353521	39.724	ng	99
24) Nitrobenzene	9.10	77	253373	40.053	ng	98
25) Isophorone	9.63	82	471329	39.025	ng	98
26) 2-Nitrophenol	9.81	139	133980	40.817	ng	99
27) 2,4-Dimethylphenol	9.88	122	187198	40.401	ng	100
28) bis(2-Chloroethoxy)methane	10.11	93	318760	39.564	ng	99
29) 2,4-Dichlorophenol	10.36	162	229235	40.915	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	256287	39.893	ng	97
31) Naphthalene	10.76	128	712137	40.123	ng	100
32) Benzoic acid	10.05	122	105780	38.598	ng	98
33) 4-Chloroaniline	10.86	127	325579	40.333	ng	99
34) Hexachlorobutadiene	11.05	225	158881	40.192	ng	99
35) Caprolactam	11.63	113	85489	41.654	ng	98
36) 4-Chloro-3-methylphenol	12.00	107	242675	41.312	ng	99
37) 2-Methylnaphthalene	12.36	142	527266	40.011	ng	99
38) 1-Methylnaphthalene	12.59	142	498314	40.109	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	284039	39.340	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	119303	34.437	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	187639	40.206	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	196863	41.299	ng	98
46) 1,1'-Biphenyl	13.38	154	696092	39.982	ng	98
47) 2-Chloronaphthalene	13.42	162	546947	39.479	ng	100
48) 2-Nitroaniline	13.62	65	165642	40.513	ng	96
49) Acenaphthylene	14.27	152	822968	40.500	ng	100
50) Dimethylphthalate	14.00	163	701495	40.431	ng	100
51) 2,6-Dinitrotoluene	14.11	165	156198	40.377	ng	98
52) Acenaphthene	14.61	154	528029	40.090	ng	98
53) 3-Nitroaniline	14.44	138	176226	41.175	ng	98
54) 2,4-Dinitrophenol	14.65	184	80906	39.556	ng	99
55) Dibenzofuran	14.94	168	810095	40.624	ng	99
56) 4-Nitrophenol	14.76	139	132579	42.289	ng	97
57) 2,4-Dinitrotoluene	14.91	165	225393	41.570	ng	95
58) Fluorene	15.59	166	643739	40.985	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	181980	42.266	ng	99
60) Diethylphthalate	15.36	149	717528	41.504	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	344780	40.485	ng	100
62) 4-Nitroaniline	15.61	138	184687	43.185	ng	97
63) Azobenzene	15.88	77	621398	41.011	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	123043	41.431	ng	98
66) n-Nitrosodiphenylamine	15.80	169	601801	39.913	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	234724	40.044	ng	98
68) Hexachlorobenzene	16.60	284	262526	39.976	ng	99
69) Atrazine	16.75	200	204698	39.609	ng	99
70) Pentachlorophenol	16.94	266	126792	39.823	ng	93
71) Phenanthrene	17.33	178	1059497	40.667	ng	100
72) Anthracene	17.42	178	1057298	41.048	ng	99
73) Carbazole	17.69	167	977042	41.147	ng	99
74) Di-n-butylphthalate	18.25	149	1241329	42.303	ng	100
75) Fluoranthene	19.34	202	1250803	41.502	ng	100
77) Benzidine	19.52	184	579763	43.857	ng	98
78) Pyrene	19.70	202	1255554	41.022	ng	99
80) Butylbenzylphthalate	20.59	149	572145	41.021	ng	99
81) Benzo(a)anthracene	21.52	228	1202223	40.930	ng	100
82) 3,3'-Dichlorobenzidine	21.43	252	480933	42.188	ng	99
83) Chrysene	21.58	228	1160867	40.888	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	781151	40.689	ng	99
85) Di-n-octyl phthalate	22.60	149	1377516	41.471	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1493971	40.333	ng	100
88) Benzo(b)fluoranthene	23.65	252	1290149	40.864	ng	100
89) Benzo(k)fluoranthene	23.71	252	1257714	40.873	ng	99
90) Benzo(a)pyrene	24.48	252	1224766	41.029	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1213120	41.063	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1200723	40.600	ng	98

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

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