Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044437.D
Acq On : 14 Feb 2020 14:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 15 05:59:54 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	86731	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	342927	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	219104	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	467711	20.00	ng	0.00
76) Chrysene-d12	21.53	240	433307	20.00	ng	0.00
87) Perylene-d12	24.61	264	470363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	417374	84.93	ng	0.00
7) Phenol-d6	7.07	99	557644	84.50	ng	0.00
23) Nitrobenzene-d5	9.05	82	506639	83.41	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	217251	84.46	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1125854	86.05	ng	0.00
79) Terphenyl-d14	19.90	244	1610585	76.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	89787	40.664	ng	99
3) Pyridine	3.76	79	258249	43.900	ng	99
4) n-Nitrosodimethylamine	3.68	42	97592	39.701	ng	97
6) Aniline	7.22	93	339352	41.428	ng	99
8) 2-Chlorophenol	7.47	128	223571	41.394	ng	99
9) Benzaldehyde	7.03	77	141271	37.587	ng	97
10) Phenol	7.10	94	273413	41.863	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	224305	40.172	ng	96
12) 1,3-Dichlorobenzene	7.79	146	267807	41.529	ng	98
13) 1,4-Dichlorobenzene	7.93	146	268348	42.015	ng	99
14) 1,2-Dichlorobenzene	8.25	146	252625	41.846	ng	99
15) Benzyl Alcohol	8.14	79	192705	41.246	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	312046	41.291	ng	99
17) 2-Methylphenol	8.35	107	193502	41.526	ng	97
18) Hexachloroethane	8.98	117	98092	40.927	ng	93
19) n-Nitroso-di-n-propylamine	8.71	70	177364	40.327	ng	98
20) 3+4-Methylphenols	8.68	107	262397	40.860	ng	98
22) Acetophenone	8.72	105	344202	41.260	ng	99
24) Nitrobenzene	9.10	77	245184	41.347	ng	99
25) Isophorone	9.62	82	472299	41.717	ng	99
26) 2-Nitrophenol	9.81	139	135362	43.992	ng	98
27) 2,4-Dimethylphenol	9.88	122	183780	42.312	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	312416	41.366	ng	99
29) 2,4-Dichlorophenol	10.35	162	223797	42.612	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	253803	42.145	ng	99
31) Naphthalene	10.75	128	701918	42.188	ng	100
32) Benzoic acid	10.04	122	75903	32.869	ng	97
33) 4-Chloroaniline	10.85	127	316721	41.856	ng	98
34) Hexachlorobutadiene	11.04	225	157411	42.479	ng	99
35) Caprolactam	11.63	113	80507	41.846	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	229406	41.661	ng	98
37) 2-Methylnaphthalene	12.36	142	519267	42.035	ng	99
38) 1-Methylnaphthalene	12.58	142	488222	41.920	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	278966	42.563	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	133928	42.586 ng	99
43) 2,4,6-Trichlorophenol	12.97	196	180887	42.698 ng	99
44) 2,4,5-Trichlorophenol	13.05	196	184753	42.697 ng	98
46) 1,1'-Biphenyl	13.37	154	671918	42.515 ng	99
47) 2-Chloronaphthalene	13.41	162	531742	42.282 ng	99
48) 2-Nitroaniline	13.61	65	155275	41.836 ng	95
49) Acenaphthylene	14.25	152	784304	42.519 ng	99
50) Dimethylphthalate	14.00	163	660941	41.965 ng	100
51) 2,6-Dinitrotoluene	14.11	165	145238	41.359 ng	99
52) Acenaphthene	14.60	154	497242	41.589 ng	99
53) 3-Nitroaniline	14.44	138	163045	41.966 ng	100
54) 2,4-Dinitrophenol	14.65	184	96401	49.538 ng	97
55) Dibenzofuran	14.94	168	757014	41.819 ng	99
56) 4-Nitrophenol	14.76	139	120073	42.192 ng	95
57) 2,4-Dinitrotoluene	14.90	165	205458	41.744 ng	95
58) Fluorene	15.59	166	603190	42.306 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	164998	42.215 ng	98
60) Diethylphthalate	15.36	149	657660	41.907 ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	321420	41.577 ng	99
62) 4-Nitroaniline	15.61	138	164070	42.262 ng	99
63) Azobenzene	15.87	77	564733	41.059 ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	114894	44.502 ng	99
66) n-Nitrosodiphenylamine	15.79	169	549546	41.927 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	214274	42.050 ng	98
68) Hexachlorobenzene	16.60	284	239154	41.892 ng	99
69) Atrazine	16.75	200	179862	40.036 ng	99
70) Pentachlorophenol	16.94	266	110109	39.785 ng	96
71) Phenanthrene	17.32	178	967526	42.720 ng	99
72) Anthracene	17.42	178	957535	42.764 ng	98
73) Carbazole	17.68	167	886668	42.954 ng	99
74) Di-n-butylphthalate	18.25	149	1130050	44.300 ng	99
75) Fluoranthene	19.34	202	1125450	42.957 ng	99
77) Benzidine	19.51	184	555352	46.207 ng	99
78) Pyrene	19.69	202	1133291	40.726 ng	99
80) Butylbenzylphthalate	20.59	149	511100	40.304 ng	99
81) Benzo(a)anthracene	21.51	228	1071954	40.140 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	425514	41.055 ng	99
83) Chrysene	21.57	228	1030761	39.932 ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	694965	39.816 ng	99
85) Di-n-octyl phthalate	22.59	149	1243397	41.172 ng	99
86) Indeno(1,2,3-cd)pyrene	28.10	276	1309306	38.879 ng	100
88) Benzo(b)fluoranthene	23.64	252	1128377	41.631 ng	99
89) Benzo(k)fluoranthene	23.70	252	1126199	42.632 ng	99
90) Benzo(a)pyrene	24.47	252	1084458	42.318 ng	100
91) Dibenzo(a,h)anthracene	28.16	278	1067352	42.085 ng	100
92) Benzo(g,h,i)perylene	29.20	276	1057250	41.642 ng	98

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

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